



K8SCH

THE Q-FIVE



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



Our 49th Year of Service to Cincinnati in Amateur Radio
 A Special Service Club of the American Radio Relay League
 (the national association for Amateur Radio)

OFFICERS & BOARD

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	Bruce Vanselow	N8BV	513=251-1555	n8bv@juno.com

OH-KY-IN Repeaters

146.670 (-) Clifton 146.925 (-) Colerain Twp. 146.625 (-) Withamsville
 PL tone of 123 Hz required for access as of 6.1.09
 APRS: K8SCH-10 Edgewood WIDE, on 144.39

Web Page

<http://www.ohkyin.org>

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, [ka3mtt@arrl.net]

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The Q-FIVER is the official newsletter of OH-KY-IN ARS, edited & published monthly by Susie Scott N8CGM 6351 Daleview Road 45247 513=385-5201 Editor

Electronic copies: Adobe Acrobat

The Q-FIVER is mailed and e-mailed usually the Wednesday before the club meeting. Copy deadline is the weekend before that. Please send submissions for *The Q-FIVER* (including notice of upgrades & call sign changes) to Ye Ed Susie N8CGM. These may be:

- > snail-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)

June 2009 Volume 49 Number 6

From the President...

A few weeks ago, a group of us met at the QTH of Otto AA8KK (SK). We successfully dismantled the antennas at that location in just a couple hours. Thanks to the following for helping out: Gary KB8MYC, Brian KC8FJN, Bob WB8JHT, Dale KC8HQS & Bruce N8BV. Special thanks to Dick WB4SUV, Shawn KC9LII & Mick KD8IOQ for doing the hard work on the roof.

Field Day is coming up... At the June club meeting, Nathan KA3MTT will tell us about our set-up this year. Hope to see you at the meeting and/or at the Field Day site. By the way, we will be at Mitchell Memorial Forest again. If you need help finding the location, give a call on 146.925 and we'll direct you in.

See you at the June club meeting!

73, Dale KC8HQS

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Next meeting

June's meeting will be the annual Field Day presentation by Nathan KA3MTT. As always, Nathan has put a lot of time and effort in getting our Field Day ready to go. Without a doubt, OH-KY-IN holds one of the best events in the entire ARRL Great Lakes Section! Come out and hear about our exciting plans and get signed up for the events you want to enjoy!

To get to the meeting from downtown Cincinnati, go northwest 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 onto Mozart (just before the White Castle). The church is on the right. Please come in the ground floor entrance, under the stairs. The meeting begins at 7:30 PM.

73, Gary KB8MYC

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Minutes for General Membership meeting, Oh-Ky-In Amateur Radio Society, May 5, 2009

Dale KC8HQS called the meeting to order at 7:34 PM, followed by the Pledge of Allegiance.

Guests included Bob W8KZJ – 21 members attending.

New / Upgrades to license – none

Proceeded to the self introductions.

Health and Welfare – none

Brag session – Brad Scott WD9HDZ won Barbershopper of the Year at Johnny Appleseed District spring contest-- Dan Hensley KC9NCF emailed Dale recognizing Susie N8CGM. Program: Scheduled program could not be there, Gary KB8MYC gave a DTV presentation with handouts.

Dale thanked Gary KB8MYC for running the hospitality table.

Minutes of the last meeting, correction, Roger KA8JFL crafted a new pole for the ARRL flag, not attended. Bruce N8BV motion to accept as corrected, Tom NG8A seconded

Membership – Nathan KA3MTT not here - the current count is 89

Treasurer - Kevin KI4PJK not here - passed financial reports around – we got \$200 from Price Hill Civic Club for the Thanksgiving Day parade.

Silent Key - Bruce N8BV reported nothing new for the silent key committee.

Tech committee – Brian K4BRI reported the 146.67 site is now only waiting for the climber to be available. The club has decided to run CTCSS tones of 123.0 on all repeaters, to address interference and DX stations. This will go into effect on June 1st.

Education committee – Gary KB8MYC reported that we will have a workshop on May 19th to help users program the CTCSS tones into their radios. 7:30 PM at the church.

Bruce, N8BV reported that we have a booth again at the Red, White and Blue Ash on July 4th

Tech Talk - Bruce, N8BV reported we still need net controls – please!!!

Field Day will be the program next month

Liaison – Pete, KC8BZM reported that WARN is on 146.88, QCEN – the Pig went well, ARPSC – new EC for Hamilton Co – Jeff Lehman, KC8QCH

Awards committee – Banquet was last month – was nice

Old business - none

New business - none

The random member drawing winner was Robert J Kluck II W4XBX, who was not present and would have received \$25

Split the pot of \$16 was won by Dale, KC8HQS

Meeting was adjourned at 8:44 PM

Respectfully submitted - *Brian K4BRI*, Recording Secretary

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3. There is a very fine line between "hobby" and "mental illness."

listed in “Strange Things Learned the Hard Way”, 5-6-09

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VE exam opportunities

1st Sat each month: Cincinnati-Hartwell OH, sponsored by GCARA, at Hartwell Presbyterian Church.

Register 8:30 AM; walk-ins only! All licence classes. Info: Dale Pritchett KC8HJL, 513=769-0789.

2d Mon each month: Edgewood KY, sponsored by NKARA, at Turkeyfoot Middle School, 3230 Turkeyfoot Rd. Register 6 PM. Follow the signs. Pre-registration preferred, walk-ins accepted. Info: Lyle Hamilton AB8SH, 513=315-4032, [ab8sh@fuse.net]. Talk-in 147.255.

2d Thu each month except December: Milford OH, sponsored by Milford ARC at Faith Church, 5910 Price Rd. Register 6 PM. Info: Lyle Hamilton AB8SH, 513=315-4032 [ab8sh@fuse.net].

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In all cases exams require 2 IDs (preferably one with photo). Bring original as well as photocopy of current licence, any CSCE, pen or pencil. 2009 exam fee is \$15 (*ARRL Letter*, Vol 27 #44, Nov 7).

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Hamfests &c.

June 2009

- 6 Carter Co Hamfest sponsored by Little Sandy Amateur Radio Club at TJ's Music Hall, Junction of US 60 & SR 182 (Olive Hill), Grayson KY. 8 AM-2 PM. VE exams: 9 AM-12N. Talk-in 146.7-offset (PL 107.2). Info: David Crisp KV4EK, 606=474-8485, [dave41143@people.pc.com]
- 6 Fulton Co ARC Hamfest & Tailgate Party, sponsored by Fulton Co ARC at Roth Family Park, 101 Hill Ave in Tedrow OH. 8 AM-1 PM. Talk-in: 147.195+. VE exams. Over night camping Fri & Sat with \$3 donation. Info: Lindsay Infante K8LI, 419=822-4382, [lindsayinf@yahoo.com], <http://k8bxq.org>
- 20 19th Milford ARC Hamfest sponsored by Milford ARC at Eastside Christian Church, 5874 Montclair Blvd, Milford OH. 8 AM-2 PM. Talk-in: 147.345+ (no tone). VE exams: 9 AM, walk-ins welcome. \$5 gate, children under 12 free. Tail-gating \$1. Info: Jim Linn WB8RRR, 513=831-6255, [wb8rrr@arrl.net], <http://www.w8mrc.com>

Proudly Presents The Musical Comedy
WBBS-TV
Live Cincinnati
Crawford Auditorium
Deer Park High School
June 19th & 20th
(8 pm) (2 & 8 pm)
1-888-796-8555
WWW.DELTAKINGS.ORG

Radio's Plus
Joe Davidson KB8SBN
11641 Colthar Dr.
Bethel OH 45106-9669
513=752-9570

“WBBS-TV” features staff
amateurs Bob W8JSO &
Brad WD9HDZ

Updates from the education committee: We recently held a workshop to help several members set their HTs up for the PL changes on our repeaters (coming June 1). If you missed this and need any assistance, please contact me and we can get you going. Also, be watching for our next workshops and, as always, if there is a topic you'd like to learn more about, just let me know.

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ELMERS NEEDED!!!! With the addition of numerous new hams into our ranks, we are seeing an increased need for Elmers to help new hams set up their stations and get their equipment on the air. If you would like to volunteer to help new and old hams alike, please let me know so I can compile a list for our new members to reference when they have questions. Just let me know your expertise and the best way for those needing help to contact you.

OH-KY-IN has always led the way in helping hams with the technical issue of our hobby, let's keep it that way!

73 Gary KB8MVC

DX Spots - June 2009 de Nathan KA3MTT

Sunday	Monday	Tuesday	Wednesda	Thursday	Friday	Saturday
	1 HV5PUL-Vatican thru June 4 <hr/> 8Q7-Maldives thru June 25	2	3	4	5 JW-Svalbard thru June 15	6
7	8 SX5LA- Dodecanese thru June 14	9	10 ZY0F-Fernando de Noronha thru June 15	11 VP9-Bermuda thru June 17	12 VJP2MRT- Montserrat thru June 19	13 S92LX-Sao Tome and Principe thru June 27
14	15	16 C21TI-Nauru thru June 21 <hr/> 8R-Guyana thru July 6	17	18	19 5J0M-San Andres & Providencia thru July 5	20
21	22	23 V29JKV-Antigua thru July 3	24	25	26	27 FIELD DAY 
28 FIELD DAY 	29 3D2YA-Fiji thru July 3	30				

OPERATIONS APPROVED FOR DXCC CREDIT. The following operations are approved for DXCC credit: Western Sahara, S04R, 2009 operation; North Cook Island, E51QQQ, 2009 operation. –ARLD017 *DX News*, April 30, 2009

OPERATIONS APPROVED FOR DXCC CREDIT (twice). The following operations are approved for DXCC credit: J20SE, Djibouti, 2009 operation and A52DT, Bhutan, 2009 operation. – ARLD019 *DX News*, May 13, 2009 & ARLD020 *DX News*, May 21, 2009

Not approved for anything, just a little different:

PACIFIC TOUR. Steve 9M6DXX (G4JVG), will active as FK/G4JVG from Noumea, OC-032, New Caledonia, between May 22 and June 3, and as G4JVG/VK4 from North Stradbroke Island, OC-137, Australia, between June 7 and 9. Activity will be holiday style while celebrating his 25th wedding anniversary with Eva 9M6EVA. Operations will be SSB only, on 40, 20 and 17 meters, and possibly 15 meters. QSL both operations via Tim M0URX, direct, by the Bureau or LoTW. – ARLD019 *DX News*, May 13, 2009

American Radio Relay League DX Bulletins are made possible with information provided by NC1L, *QRZ DX*, the *OPDX Bulletin*, DXNL, *425 DX News*, *The Daily DX*, “Contest Corral” from *QST* and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

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Contests

June 2009

- 6-7 SEANET Contest, all modes; IARU Region I Field Day, CW; AL QSO Party
- 13-14 ARRL June VHF Sprints; GACW WWSA CW DX Contest; ANARTS WW RTTY Contest; Portugal Day, SSB & CW; WFF Green Days, all modes; Spanish Island Contest
- 20-21 Kids' Day; All-Asian DX Contest, CW; SSMIRK QSO Part Feld-Hell Monthly Sprint, Digital modes; WV QSO Party
- 27-28 His Majesty, the King of Spain, Contest, Phone; QRP ARCI Milliwatt Field Day;



Oh-Ky-In Field Day at Mitchell Memorial Forest near Cleves OH, as usual. See FD, pp 9-10. It doesn't get better than Field Day! Hope to see you there. For more information see *QST*, *CQ*, or www.arrl.org

73, *Dan K744U*

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***** IMPORTANT INFORMATION ABOUT THE K8SCH REPEATERS*****

The Big Switch: It's just around the corner, are you ready?

Just a reminder, effective June 1, all of the OH-KY-IN Amateur Radio Society operated repeaters (146.67, 146.925 & 146.625) will require you to transmit a 123 hz PL tone for access. This is being done to provide smoother operation of the repeaters as well as to eliminate the users of other distant repeaters from interfering with ours. There is no reason to wait until the effective date to make programming changes to your radios. Go ahead and do it now, and then save the changes into your radio's memory channels.

73,*Bruce N8BV*

Ohio Section News June 2009

(Hamfests in Ohio and Ohio Cabinet listing is at the end of this issue)

(Editor's note - SGL Nick Pittner K8NAP has received a proclamation from Ohio Governor Ted Strickland making June 27 Ohio Amateur Radio Appreciation Day. This is in conjunction, of course with Field Day - June 27-28. Read all about it, download the certificate and post it on your Field Day site. Also see if your local mayor, city council, and/or county commissioners will do the same. Read it all at www.arrloho.org.)

by Affiliated Clubs Coordinator, Joanne Solak KJ30

This month the Ohio Section News is sort of short! I think everyone is either enjoying being outside in the sunny, fresh, great outdoors, or just plain trying to catch up on all the projects they could not do during such a long winter. Don't forget Field Day (as if I had to mention it)!

Dayton is now history. Such a busy, exhausting weekend for all those who attended. It seemed like everyone was in such a rush all the time....schedules, schedules, schedules. Most hams attending did bring some "good information" home with them, and many good buys on radio equipment were found. I have heard about some really great "buys" in the flea market.

Of course, I did hear many "hams" talking about how expensive it was this year also. But all in all, wasn't it worth it to attend the great Dayton Hamvention?

The ARES nets have been improving lately, and that is a good sign. Field Day plans have been the topic in all Club Newsletters. Field Day Coordinators have been busy getting all the details worked out for their particular Field Day. Make sure your Club gets involved in the Field Day event.

The Delaware Amateur Radio Association is in the middle of planning their Field Day event. Tim K8TAT, Club President, is leading the way this year with some assistance from Club members. Members will be "working" the Wendy's Tri/Duathon at Alum Creek Park and many other events lined up for the summer months.

The NOARS Club is busy with Field Day Plans as well as other events under way for the Club.

The Greater Cincinnati ARA members are planning their annual picnic held in July, and their Hamfest plans are underway for their September 20th Hamfest.

Congratulations to the Marietta Amateur Radio Club, Inc. our Ohio Section's newest ARRL Affiliated Club. Welcome Aboard!

Some of the recent Club Newsletters I have received are from the Ottawa County ARC where WB8KKU, Gene Anderson, is President.

The Independent Radio Association has a very interesting newsletter as does the Dial Radio Club in Middletown, Ohio.

The Milford ARC just held a VE Session May 14th. I enjoyed, and learned a lot about antennas in their newsletter; I am interested in the "ribbon antenna" article. They have a hamfest coming up June 20th so everyone support this event and Club. Oh! By the way, I really enjoy the Culinary Café and I tried the Lemonade-Mint iced tea...delicious! Club members will also be active in the Field Day celebration.

Did you see where our Gov. Ted Strickland has signed a proclamation declaring Saturday, June 27th (Field Day) as Amateur Radio Operator's Appreciation Day in Ohio?. Ask your Field Day organizer for a copy of the proclamation.

The Buckeye Belles had to cancel their annual meeting that was scheduled for May 2nd. But are now planning their annual picnic to be held sometime in late July or early August. Detailed information about this event will be provided once plans are completed. Lots of events were planned for the Dayton weekend.

Remember to support your local Amateur Radio Club. Join an ARES group. Volunteer, volunteer, volunteer.

We'll believe this or not. That's it for this time around. BUT I do have to remind all Club Secretaries, FILE THE ANNUAL REPORT FORM before your club ends up on the inactive list. Do it now!

The 2-Seven, Ok-Ky-In ARS, June 2009, pg 8

AND, remember sometime, somewhere, when you least expect it, I will be seeing YOU!

Until then, BEST 73,

Joanne Solak KJ3O, ACC Ohio Section

AND, remember sometime, somewhere, when you least expect it, I will be seeing YOU!

Until then, BEST 73,

Joanne Solak KJ3O, ACC Ohio Section

OHIO JUNE HAMFESTS - (6) Saturday; Fulton County Hamfest and Tailgate Party; For more information, visit <www.k8bxq.org> or e-mail <lindsayinf@yahoo.com>. Located at Roth Family Park in Tedrow (Fulton County).

(20) Saturday; MILFORD ARC HAMFEST. For more information, visit <www.w8mrc.com> or e-mail <wb8rrr@arrl.net>. Located at the Eastside Christian Church just off Interstate 275.

OHIO SECTION CABINET LISTING:

SM: Joe Phillips K8QOE, Fairfield, (to contact me, see *QST* page 16 or on the Web at <www.arrlohio.org>; ASM-NE: Bob Winston W2THU, Cleveland; ASM-NW: Ron Griffin N8AEH, Findlay; ASM-Central: Bill Carpenter AA8EY, Westerville; ASM-SW: Dave Coons WT8W, New Carlisle; ASM-SE: Connie Hamilton N8IO, Marietta; SEC: Jack Sovik KB8WPZ, Austintown; ACC: Joanne Solak KJ3O, Mantua; TC: Tom Holmes N8ZM, Tipp City; PIC: Emily Wells KC8RAL, Warren; OOC: Rick Swain KK8O, Galion; SGL: Nick Pittner K8NAP, West Jefferson; STM: John Tipka W8UL, Reynoldsburg.

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AA8KK antennas (SK committee)

Otto Bielefield AA8KK's (SK) antennas were removed earlier this evening (5-11-09). Many thanks to the following for their help!!

Shawn KC9LII Dick WB4SUV Gary KB8MYC & his wife Bev Bob WB8JHT

Bob WB8JHT Brian KC8FJN Mike KD8IOQ Dale KC8HQS Bruce N8BV

73, *Bruce N8BV*

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Field Day will be the last full weekend of June, 2009. OH-KY-IN will again operate as 2A from Mitchell Memorial Forest in Cleves, OH. We will begin setting up stations at around 3 PM on Friday, June 26. For dinner on Friday, we always run over to Wild Mike's, but we may bring all the food to the park this year.

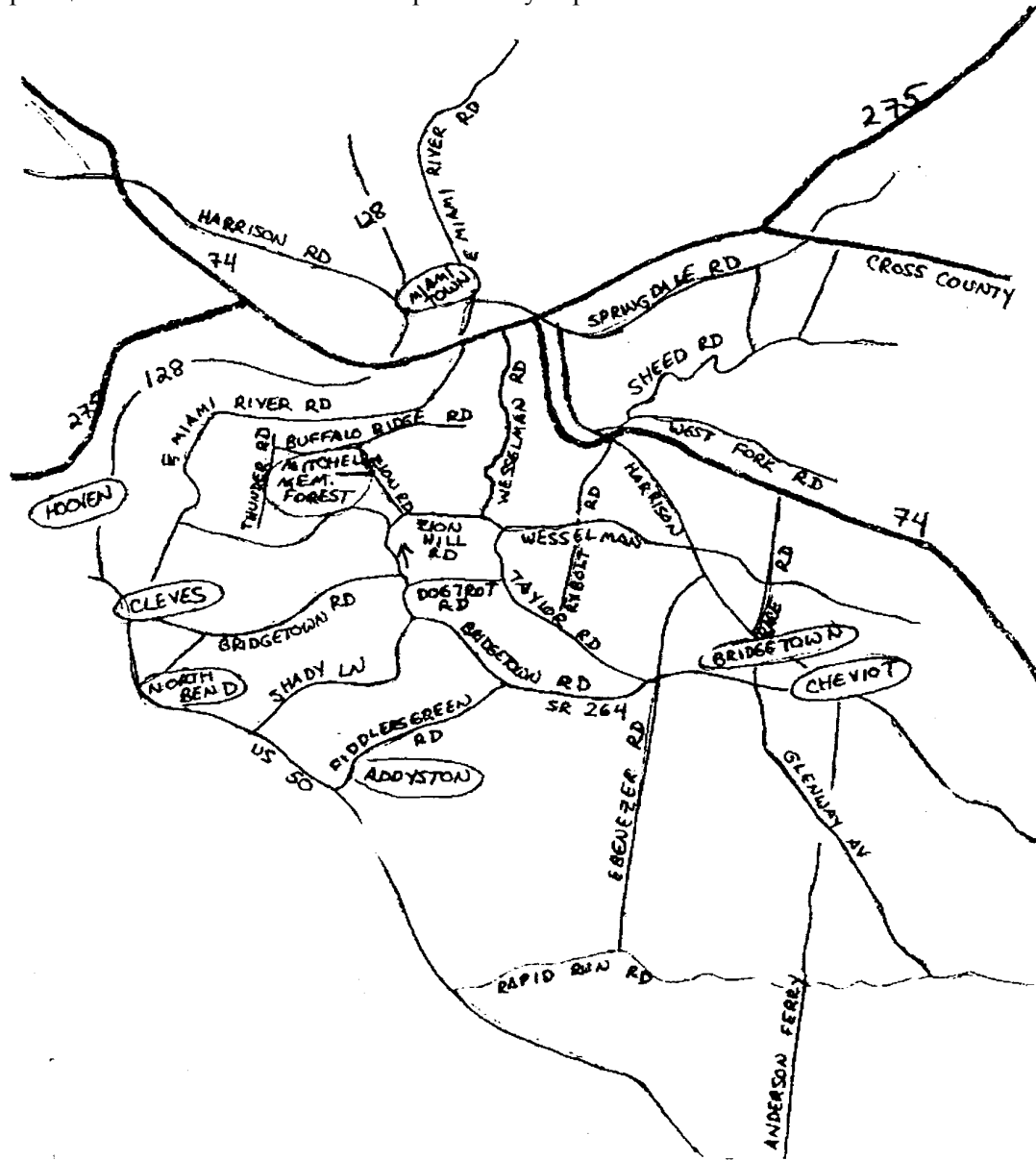
We are going to be using the "keep it simple" approach this year. We will use all dipole antennas. They have fared us very well the past couple of years, so the decision was made to continue with them. However, we will experiment with phasing the dipoles this year to try and achieve omni-directional coverage. Maps of the area will be brought out so we can make notes of how they seem to work the best for us.

We will have a CW station, a SSB station, a GOTA station, and a 6-meter station. Please join us for a great weekend of fun and experimenting. Field Day has always been a great time, and I expect nothing less this year, as well. Don't forget - we will have a dinner at 5:30-6 PM Saturday for everyone involved. Please feel free to bring a covered dish to add to the festivities. Also, for those of you who will stay into the late evening hours Saturday, don't forget about our steak dinner at midnight! Bring your own steak, and be prepared for some exquisite dining!

We will begin tearing down the stations at 2 PM on Sunday, and are typically out of the park by 3:30. Your help is very much appreciated. It takes a team-effort to put Field Day together, so come on out and enjoy the fellowship of amateur radio!

73, *Nathan K3MTT*

Map to Mitchell Memorial Forest. Season pass for Hamilton Co Parks \$5 (recommended), day pass \$2 each. One or the other is required. Buy at park entrance.



Dayton Hamvention - New News and New Stuff

Undoubtedly, the most buzz was generated by the monstrously attractive 44-meter crank-up tower by [Luso](#) (see photo at foot of page). A popular activity seemed to be having your picture taken standing next to it. Probably, just to scare the pants off the rest of the family! Kinda tough to get one in the overhead bins on the way home, though.

There was a lot of interest in the new [Elecraft](#) 144 MHz, 10-watt module for the K3. It is an internal module, not an external transverter. This extends the high performance of the K3 beyond the 1.8 - 54 MHz of current versions, including the IF output for SDR accessories. Perhaps adding 2 meters to this state-of-the-art rig will attract more HF contesters to VHF+ contesting?

The folks at Bencher have expanded their Yagi offerings with the new Skylark 12 and 17 meter Duoband Yagi. At 38 pounds and 6.5 square feet of wind loading on a 16-foot boom, this WARC band antenna would look nice above your 20-15-10 meter beam.

[Ten-Tec](#) was showing off the Model 238C, an update to the highly-rated 238B antenna tuner with a silky-smooth variable inductor, and the Model 715 outboard RF speech processor to increase average power on 'phone for rigs without one.

Gary, KD9SV has a new [reversible Beverage antenna system](#) that uses old military WD1 or WD-1A Field Telephone Wire or twisted-wire version. (Thanks, Rich KL7RA)

[DX Engineering](#) was showing off a couple of new tilt-up verticals for 80 and 160 and a new hexagonal beam that you can see in the photo (at foot of page). Pssst - maybe you can put some fabric over it and convince the neighbors it's a really cool patio umbrella!

[Mactenna](#) was demonstrating a portable Yagi called the SB20-10 Simple Beam. The design is similar to that described in the September 2008 *QST* article on the same subject. (Thanks, Pete N4ZR)

Portable operators should take a look at [Super Antenna's](#) YP3 Yagi-in-a-Bag and PR-1 Portable Rotator. (Would that be a Bagi? Just thinking...) Supplemented by mast, tripod, and mobile antenna accessories, this may be the answer to putting out a more potent signal as a stop-and-op entry in your State QSO Party!

Check out the Dayton Hamvention blog of the ARRL's Contest Branch manager [Sean KX9X](#). The ARRL Expo booth was full of folks meeting the red-shirted ARRL staff and associates every time I dropped by. Fingers were flying at the ARRL Buildathon and there was a lot of interest in the DARC and JARL booths, too. I hope you got your ARRL Field Day button!

So how does one survive a multi-day event like the Dayton Hamvention with miles of aisles? Here's a tip -- take one pair of comfortable, but different, shoes for each day. That way, at least different parts of you will hurt the following day!



I had to stand wayyyy back and use the wide-angle lens for this photo of Luso's 44-meter crank-up tower! Do you think the neighbors would notice? (Photo – N0AX)



Lots of folks got a good cramp craning their necks to inspect DX Engineering's new hexagonal beam. (Photo – N0AX)

from *ARRL Contest Update* for 5.27.09
Ward Silver N0AX,
editor & photographer

==> FCC LOOKS TO RAISE VANITY CALL SIGN FEES FOR SECOND CONSECUTIVE YEAR

The FCC released a Notice of Proposed Rulemaking and Order (NPRM) on May 14 seeking to raise fees for Amateur Radio vanity call signs <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-08-126A1.pdf>. Currently, a vanity call sign costs \$12.30 and is good for 10 years; the new fee, if the FCC plan goes through, will go up to \$13.40 for 10 years, an increase of \$1.10. The FCC is authorized by the Communications Act of 1934 (as amended) to collect vanity call sign fees to recover the costs associated with that program. The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. Instructions on how to comment on this NPRM are available on the FCC Web site <<http://www.fcc.gov/cgb/consumerfacts/howtocomment.html>>.

The vanity call sign fee has fluctuated over the 12 years of the current program -- from a low of \$11.70 in 2007 <<http://www.arrl.org/news/stories/2007/08/31/105/>> to a high of \$70 (as first proposed in the FCC's 1994 Report and Order). In 2007, the Commission lowered the fee from \$20.80 to \$11.70. The FCC said it anticipates some 15,000 Amateur Radio vanity call sign "payment units" or applications during the next fiscal year, collecting \$201,000 in fees from the program.

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. The first vanity call sign licenses issued under the current Amateur Radio vanity call sign program that began in 1996 came up for renewal three years ago.

Those holding vanity call signs issued prior to 1996 are exempt from having to pay the vanity call sign regulatory fee at renewal, however. That's because Congress did not authorize the FCC to collect regulatory fees until 1993. Such "heritage" vanity call sign holders do not appear as vanity licensees in the FCC Amateur Radio database.

Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. All radio amateurs must have an FCC Registration Number (FRN) before filing any application with the Commission. Applicants can obtain an FRN by going to the ULS <<http://wireless.fcc.gov/uls/>> and clicking on the "New Users Register" link. You must supply your Social Security Number to obtain an FRN.

The ARRL VEC <<http://www.arrl.org/arrlvec/>> will process license renewals for vanity call sign holders for a modest fee. The service is available to ARRL members and nonmembers, although League members pay less. Routine, non-vanity renewals continue to be free for ARRL members. Trustees of club stations with vanity call signs may renew either via the ULS or through a Club Station Call Sign Administrator, such as ARRL VEC.

League members should visit the "ARRL Member Instructions for License Renewals or Changes" page <<http://www.arrl.org/fcc/memberlicenseinstructions.html>>, while the "Instructions for License Renewals or Changes" page covers general renewal procedures for nonmembers <<http://www.arrl.org/fcc/licenseinstructions.html>>. There is additional information on the ARRL VEC's "FCC License Renewals and ARRL License Expiration Notices" page <<http://www.arrl.org/arrlvec/renewals.html>>.

License application and renewal information and links to the required forms are available on the ARRL Amateur Application Filing FAQ Web page <<http://www.arrl.org/FandES/field/regulations/application-filing-faq.html>>. The FCC's forms page also offers the required forms <<http://www.fcc.gov/formpage.html>>.

--*The ARRL Letter*, Vol 28 #20, May 21, 2009

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OH-KY-IN fundraising

Red White & Blue Ash will be Saturday, July 4. This fundraising event provides a large assist to the OH-

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KY-IN club treasury. This year's event features Hotel California (Eagles Tribute Band) at 5:30 PM and Gretchen Wilson at 8 PM. The fireworks will begin at 10 PM. More information will be available at the June 2 club meeting.

Also available are OH-KY-IN shirts and hats. Shirts start at \$10 and hats are \$12.

73, Bruce N8BV

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==> **FCC resumes enforcement actions**

On May 13, the FCC posted the first list of enforcement actions <<http://www.fcc.gov/eb/AmateurActions/Welcome.html>> since Laura Smith took over as FCC Special Counsel. The 11 RFI-related letters to energy providers were sent between February 18 and April 1, 2009, and the 7 warning letters to individuals were sent between February 18 and March 30, 2009. --*The ARRL Letter*, Vol 28 #19, May 15, 2009

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==> **Scientists predict solar cycle 24 to peak in 2013**

At the annual Space Weather Workshop held in Boulder, Colorado last month <<http://www.swpc.noaa.gov/sww/index.html>>, an international panel of experts led by NOAA's Space Weather Prediction Center (SWPC) predicted that Solar Cycle 24 will peak in May 2013 with 90 sunspots per day on average. If the prediction proves true, Solar Cycle 24 will be the weakest cycle since Solar Cycle 16, which peaked with 78 dailysunspots in 1928, and ninth weakest since the 1750s, when numbered cycles began.

The panel predicted that the lowest sunspot number between cycles – the solar minimum -- occurred in December 2008, marking the end of Solar Cycle 23 and the start of Solar Cycle 24. If December's prediction holds up <<http://www.arrl.org/news/stories/2008/01/07/100/>>, at 12 years and seven months Solar Cycle 23 will be the longest since 1823 and the third longest since 1755. Solar cycles span 11 years on average, from minimum to minimum.

An unusually long, deep lull in sunspots led the panel to revise its 2007 prediction that the next cycle of solar storms would start in March 2008 and peak in late 2011 or mid-2012. The persistence of a quiet sun also led the panel to a consensus that Solar Cycle 24 will be what they called "moderately weak."

Although the peak is still four years away, a new active period of Earth-threatening solar storms will be the weakest since 1928. Despite the prediction, the scientists said that Earth is still vulnerable to a severe solar storm. Solar storms are eruptions of energy and matter that escape from the Sun and may head toward Earth, where even a weak storm can damage satellites and power grids, disrupting communications, the electric power supply and GPS. A single strong blast of "solar wind" can threaten national security, transportation, financial services and other essential functions.

The most common measure of a solar cycle's intensity is the number of sunspots -- Earth-sized blotches on the sun marking areas of heightened magnetic activity. The more sunspots there are, the more likely it is that solar storms will occur, but a major storm can occur at any time.

"As with hurricanes, whether a cycle is active or weak refers to the number of storms, but everyone needs to remember it only takes one powerful storm to cause huge problems," said NOAA scientist Doug Biesecker, who chaired the panel. "The strongest solar storm on record occurred in 1859 during another below-average cycle." The 1859 storm shorted out telegraph wires, causing fires in North America and Europe and sent readings of Earth's magnetic field soaring. It also produced northern lights so bright that people read newspapers by their light, he said.

Biesecker cited a recent report by the National Academy of Sciences that found if a storm that severe occurred today, it could cause \$1-2 trillion in damages the first year and require four to 10 years for recovery, compared to the \$80-125 billion of damage that resulted from Hurricane Katrina <http://www.nap.edu/nap/cgi/report.cgi?record_id=12507&type=pdfxsum>. *The 2-Fluer, Oh-Ky-In ARS, June 2009, pg 13*

The Space Weather Prediction Center is part of the National Weather Service and is one of the nine National Centers for Environmental Prediction. It is the nation's official source of space weather alerts, watches and warnings. SWPC provides real-time monitoring and forecasting of solar and geophysical events that impact satellites, power grids, communications, navigation and many other technological systems.

--*The ARRL Letter*, Vol 28 #19, May 15, 2009

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What's coming in June 2009

- Tue June 2 7:30 PM Club meeting at Salem Presbyterian Church, Mozart & Higbee in Westwood behind Harrison-Boudinot White Castle
Program: Field Day, conducted by Nathan KA3MTT
- Wed June 3 9:00 PM Tech Talk, 146.925, NCS Tom NG8A
- Fri June 5 8:00 PM Hamilton Co Amateur Radio Public Svc Corps at Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr – park in Bd of Educ lot
- Tue June 9 7:00 PM Technical Committee meeting if needed, location TBA
- Wed June 10 9:00 PM Tech Talk 146.925, NCS Brian K4BRI
- Fri June 12 8:00 PM Queen City Emergency Net, Red Cross HQ, 820 Sycamore St
- Sat June 13 10:00 AM Monthly Oh-Ky-In Fox Hunt, hounds gather at Mt Storm Park; talk-in to start on 146.67

Sun June 14

FLAG DAY



Wed June 17 9:00 PM Tech Talk 146.925, NCS Nathan KA3MTT

Sun June 21 Father's Day; Summer Begins

Tue June 23 7:30 PM Board of Directors' meeting, location varies

Wed June 24 9:00 PM Tech Talk 146.925, NCS Brian K4BRI



Sat June 27 Amateur Radio Operators' Appreciation Day (see proclamation below)

Fri July 3 8:00 PM Hamilton Co Amateur Radio Public Svc Corps at Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr – park in Bd of Educ lot

Sat July 4

INDEPENDENCE DAY



Tue July 7 7:30 PM Club meeting at Salem Presbyterian Church, Mozart & Higbee in Westwood behind Harrison-Boudinot White Castle
Program: To be announced

OH-KY-IN 2009 Committee Appointments

Technical Committee Brian DeYoung K4BRI, Chair

Volunteer Examiners Brian DeYoung K4BRI, Chair

Membership Nathan Ciufo KA3MTT, Chair

Education Gary Coffey KB8MYC, Chair

PIO Bruce Vanselow N8BV

Q-Fiver Editor Susie Scott N8CGM

Historian Dale Vanselow KC8HQS

Fox Hunters Chair Dick Arnett WB4SUV

DXpedition Coordinator Eric Neiheisel N8YC

WebMeister Dale Vanselow KC8HQS

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 Chair Nathan Ciufo KA3MTT

Special Publications Jo Haltermon KD4PYS

Equipment Mgr Brian Fulmer KC8FJN

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Silent Key Chair Bruce Vanselow N8BV

