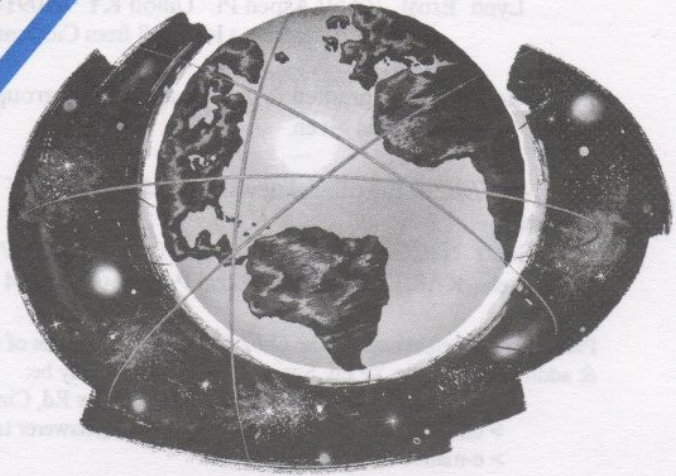


**K8SCH**

# THE Q-FIVE



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



**Our 53d 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**

President	Gary Coffey	KB8MYC	513=382-3979	<a href="mailto:kb8myc@fuse.net">kb8myc@fuse.net</a>
Vice President	Russell Hines	WB8ZCC	513=891-7403	<a href="mailto:russ@wb8zcc.com">russ@wb8zcc.com</a>
Secretary	Fred Schneider	K9OHE	513=729-0945	<a href="mailto:fschneider@fuse.net">fschneider@fuse.net</a>
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Directors	Paul Jordan	KD8JDF	513=921-3732	<a href="mailto:paujor@roadrunner.com">paujor@roadrunner.com</a>
	Jerry Shipp	W1SCR	513=242-2369	<a href="mailto:jlshipp@zoomtown.com">jlshipp@zoomtown.com</a>
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Trustee/Licensee	Bruce Vanselow	N8BV	513=251-1555	<a href="mailto:n8bv@juno.com">n8bv@juno.com</a>

**OH-KY-IN Repeaters**

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

**Web Pages**

Club: <http://www.ohkyin.org> Section: <http://www.arrl-ohio.org>  
Division: <http://www.arrl-greatlakes.org> National: <http://www.arrl.org>  
Club Website issues may be directed to [webgeezer@ohkyin.org](mailto:webgeezer@ohkyin.org)

Regular monthly meetings are held the first Tuesday of each month at 7:30 PM local time at the St. Bernard Recreation Hall, 120 Washington Ave. (corner Washington & Tower Aves) in St. Bernard, just east of Vine St. Please come in the doors at street level, facing the high school. Visitors ALWAYS welcome!

**For membership information, please contact**

Nathan Ciufo KA3MTT, 6323 Cinnamon Ridge Dr, Burlington KY 41005, 859=586-2435,  
<membership@ohkyin.org>. Dues are due on Jan 1 each year, **last chance to renew is March 31**

Permission is hereby granted to any amateur radio group to quote or reprint from this publication,  
if proper source credit is given, unless permission is otherwise reserved.

*The Q-FIVER* is **now** mailed and e-mailed, it's hoped, **7 days before the club meeting**. Normal 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](mailto:n8cgm@arrl.net) or to [sscott@iglou.com](mailto:sscott@iglou.com)

# THE Q-FIVER

*March 2013  
Volume 53  
Number 3*



March IS Red Cross Month ...

**First item this month** is to thank all of our club members who have renewed for 2013. At the time of this writing, we are already over 75 members. This is outstanding! If you have not yet renewed, now is the time. It's more convenient than ever with the addition of Paypal. Right from our website you can renew using your Paypal account or major credit card. If you have not done so, please do so today. Your membership is important to us.

It was great to see such a large number of both members and visitors at our February meeting. If you were not there, you missed a great presentation by Ted NC8V on the Ntl Traffic System. Ted did a great job telling the history of the system and showing how messages are handled. Ted had an excellent power point presentation, which will be posted on the Club's website.

Our meeting program for March will be a real hands-on experience. Fred K9OHE will show us how to make a simple antenna for VHF/UHF. If you need a simple antenna for your "go bag" or when operating portable, you will not want to miss this meeting. Those wishing to do so can actually make an antenna for yourself. If you have not done so, please let me know if you want to participate so we can have ample parts.

A reminder to all, the Club's Board of Directors meeting is held the 4<sup>th</sup> Tuesday of each month at 7:00. The meeting is usually held in Centennial Hall (lower level of the St. Bernard Municipal building). This meeting is open to all Club members. If you have an issues or suggestion we welcome you to come to the meeting. Also, if you just want to see how the Club functions, this is a great opportunity. Contact me to and I will confirm the location for you, in the event it would change. It's YOUR Club, be involved!

There is a lot going on, and a lot more planned for 2013! Watch our website, listen to the repeater announcements, or better yet, attend the monthly meeting to be kept up to date. Until next time, hope to hear you on the repeaters!

73, *Gazy KB8MYC*

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## **Next meeting, Tuesday, March 5, 7:30PM**

OH-KY-IN meets at the St. Bernard Municipal Building (Rec. Hall) at 120 Washington Ave. in St. Bernard (corner of Washington & Tower), on the first Tuesday of every month at 7:30PM. Please enter through the doors that face the high school on Washington. For more information, please click [HERE](#). (in PDF copies only pls). Our March meeting program will feature Fred K9OHE showing us to build an easy antenna. For

*The Q Fiver, OhKyIn ARS, March 2013 page 3*

those who desire, parts will be available for you to build one for yourself.

We would like to get a count of those who want to build one so we can have enough materials available. Please let me know if you want to build an antenna! We are looking forward to a great meeting again this month. We hope to see everyone there!

73 Russ WB8ZCC

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### **Minutes of February 5, 2013 members' meeting**

The meeting began at about 7:35 PM with the Pledge of Allegiance. 27 in attendance. There was 1 guest.

Health and Welfare: None

Brag session: None

The President announced that the meeting would be short, followed by the program.

Minutes of the January 8th club meeting: Motion to approve by Ted NC8V. Seconded by Pat KD8PAT. Motion carried.

Club membership: 75 members on the rolls so far this year.

Treasurer: Fred K9OHE is sick tonight. No report

The head of the Technical Committee reported there will be a meeting this month on February 19. QTH to be determined.

Soldering classes: Eric KD8MEM reported there was one person for the Saturday class. They built a circuit board

Christmas tree. The next soldering class will be the 3rd Saturday of March (16<sup>th</sup>) at KD8MEM's QTH.

The monthly Fox Hunts are still on a winter break. They may start back up in March...

The Tech Talk Net: Wednesday nights @ 9PM. 146.670 repeater.

Pat KD8PAT gave a report on the current happenings at QCEN.

Russ reported a group met in St. Bernard on a Saturday morning in January and took a trip up to Mendelson's.

New Business:

Jerry W1SCR reported on the status POD volunteers for the board of health radio group

Brunch Bunch will be at Fricker's in North College Hill this month. 1 PM on 2<sup>nd</sup> Saturday of every month.

Ted NC8V gave an informative program on Message Traffic Handling.

There are various Weather Spotter classes going on in the area in the coming months.

Split the Pot was \$25. Ted NC8V won that.

The Member-of-the-Month drawing was for \$55. Lacey Jones KJ4TSA would have won the pot if he had been present.

The meeting adjourned at 9:00 PM.

Respectfully submitted, Dale KC8QH2S

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### **OH-KY-IN ARS, Minutes of Board of Directors Meeting. January 22, 2013**

The meeting was called to order by President Gary KB8MYC at about 7:15 PM. All members were present.

The Minutes of the December Board of Directors Meeting were considered. There was one correction. A motion was made and seconded that the Minutes be approved as amended. The motion passed.

There was no Membership Report, but it was announced that there were "about 65 members" who had either renewed or joined so far in 2013. PayPal is being used!

The Treasurer's Report was considered. A motion was made and seconded to approve this report. The motion passed.

*The Q Fivez, OhKyIn ARS, March 2013 page 4*



There was a vacancy in the Treasurer position. Brian DeYoung K4BRI was nominated for the position. He was present and agreed to serve. A motion was made and seconded to appoint Brian to serve as Treasurer for the balance of 2013. The motion passed.

There was need to determine which newly elected Director would serve for the two and three year Director positions pursuant to the revised ByLaws. Paul KD8JDF volunteered to serve the two year term.

*Board Minutes conclude on page 7 & 8*



February 9 Brunch Bunch at Fricker's in N College Hill.

The next **Brunch Bunch** will be held Saturday, March 9<sup>th</sup> at 1PM at Sunnyside Grill in Colerain Twp. Sunnyside Grill is located at 7995 Wesselman Road, 45002, at the corner of Harrison Ave-nue and Wesselman Road, very near the I-74 overpass on Wesselman. From I-74, Sunnyside is located about midway between the Rybolt Road exit and the State Route 128 exit.

Sunnyside Grill does not have a website, however their information can be found on many web-sites after a Google or GoodSearch\* search. \*GoodSearch.com gives pennies per search to 501c3s (one organization per user) listed by those who sign up & use it. Oh-Ky-In **does qualify** for this!

The Brunch Bunch meets the second Saturday of every month at 1PM at a location to be announ-ced each month. Why not join us in March at Sunnyside?

I'm always looking for suggestions or recommendations on what restaurant we should visit next or into the future.

73, ..... *Bzuce N8BV*

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

*The 2 Fivet, OhKyIn ARS, March 2013 page 5*

## DX on the Air March 2013 de KA3MTT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Weekly bulletins made possible with information provided by NC1L, QRZ DX, <i>The Weekly DX</i> , the <i>OPDX Bulletin</i> , <i>425 DX News</i> , <i>The Daily DX</i> , DXNL, "Contest Corral" from <i>QST</i> & the "ARRL Contest Calendar" & WA7BNM web sites. Thanks to all					1 PJ7- Sint Maarten thru 3-23 	2
3 P4 - Aruba thru 3-7 	4 9X0NH - Rwanda thru 3-12	5 J34G - Grenada thru 3-20 	6	7 CT9 - Madeira thru 4-3 	8 <a href="#">H44G - Solomon Is thru 3-25</a> 	9
10 <a href="#">9M4SLL - Spratly thru 3-18</a>	11	12 <a href="#">H40T - Temotu thru 3-23</a> ----- <a href="#">T2GM - Tuvalu thru 3-23</a>	13	14 ZL7LC - Chatham thru 3-20 	15	16
17	18	19	20 XR0YG - Easter Isl thru 3-27 	21	22 E6 - Niue thru 3-29 	23
24	25 TO7BC - Mayotte thru 4-12 	26 <a href="#">A3EAQ - Tonga thru 4-16</a> 	27	28	29	30 VK9C - Cocos Keeling thru 4-13 
31						

**Following operations now approved for DXCC credit:** Uganda, 5X8C, current operations commencing 2012; Afghanistan, T6BP, current operation commencing 2012; Afghanistan, T6TJ, current operation commencing 2012; & Republic of South Sudan, Z81A & Z81D, current operations commencing 2012. *ARLD007* 2-14-13. **Thanks to ARRL for weekly bulletins from which this info's gathered, & use permissions.** *The Q Fivez, page 6*

## Contests

March 2013

- 1 NS Weekly Sprints
- 2-3 ARRL International DX Contest, Phone; Ukraine Open RTTY Championship
- 4 OK1WC Memorial Contest, SSB & CW
- 5 ARS Spartan Sprint; YL CW Party
- 6 John Rollins Memorial DX Contest, CW
- 9-10 RSGB Commonwealth Contest, CW; AGCW QRP Contest, CW; QRP ARCI HF Grid Square Sprint, CW; EA PSK63 Contest; ID QSO Party; NA RTTY Sprint; WI QSO Party
- 13 CWops Monthly Mini-CW Test
- 16-17 WW EME Contest; Feld-Hell Saint Patrick's Day Sprint; Russian DX Contest, all modes; BARTG Spring RTTY; CQ IR-Ireland calling; VA QSO Party; OK QSO Party; NA Sprint, SSB
- 18 Run for the Bacon, CW; DARC 10 m Digital Corona Contest
- 19 CLARA and Family Contest, SSB & CW; SSB & CW
- 21 NAQCC Monthly QRP Sprint, CW
- 23-24 Lighthouse Spring Lites QSO Party, all modes; FOC QSO Party, CW
- 30-Apr 1 CQ WPX SSB contest
- 31- Apr 1 Worldwide EME Contest

March comes in like a lion, with a roar of contests. Happy St Patrick's Day to all. For more information see *QST*, *CQ*, or [www.arrl.org](http://www.arrl.org)

73, *Dan KJ4AV*

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**Worth looking at:** <http://www.tristatehams.org/>

This is a website, not sponsored by any one club, to promote information sharing among local hams. "Serving Hams in Southeast Indiana, Northern Kentucky and Southwest Ohio" it says at top of their home page. One may register & log in with planned sessions to last 1 hour, 1 day, 1 month or Forever. Number of interesting offerings including links to area newsletters including the FM Club *Spark* for Jan 2013. Pls see end of *Affiliated Clubs* in *OH Section News*.

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Rest of **Board Minutes**, Jan 22, 2013

It was moved and seconded that Paul serve the two year term and that Bruce N8BV serve the three year term. The motion passed.

Committee Reports: Russ WB8ZCC, Chair of the Technical Committee, led a discussion of the possibility of moving a repeater to a new and better location. Much uncertainty remains.

Gary KB8MYC reported for the education committee that several persons are interested in classes for Technician Class licenses.

The program for the February members' meeting will be a presentation about handling traffic.

The program for the March members' meeting will be constructing a simple, portable VHF-UHF antenna.

Old Business: The trip to Mendelson's will be on the 26<sup>th</sup>, not the 19<sup>th</sup> of January.

Jerry W1SCR continues to work with the Hamilton County Board of Health seeking to reestablish the emergency net needed to serve the Board.

New Business: Bob Gulley AK3Q notified Gary of a likely new Museum Center event possibility. More next month.

*The Q Fivez, OhKyIn ARS, March 2013 page 7*

Eric Goodrich KD8MEM will host a how to solder event at his home on Saturday Feb. 2, beginning at 9 AM. It was moved and seconded that the meeting be adjourned. The motion passed by acclamation. Respectfully submitted, *Fred Schneider K9O9LE*

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### VE exam opportunities

**1st Sat each month:** Cincinnati-Hartwell OH, sponsored by CRA, at Hartwell Presbyterian Church. Register 8:30 AM; walk-ins only! All license classes. Info: Dale Pritchett KC8HJL, 513=769-0789.

**Wed March 13:** Middletown OH sponsored by DIAL at Verity Lodge, Miami Univ. Registration 6-7 PM. All license classes. No exam fees; they use Laurel. Info: Carl Morgan K8CM, 513=433-5428

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### Hamfests &c.

#### March & April 2013

**2** 37<sup>th</sup> Annual Cave City Hamfest sponsored by Mammoth Cave ARC at Cave City Convention Ctr, 502 Mammoth Cave St. From 7:30AM. Dealers, fleas, handicapped access, refreshments, tailgating, VE sessions. Talk-in: 146.94. \$6. Info: Larry Brumett KN4IV, 270=651-2363, [lbrumett@glasgow-ky.com](mailto:lbrumett@glasgow-ky.com)

**9** Terre Haute Hamfest sponsored by Wabash Valley ARA at Indiana State Univ Dede Activity Ctr, 500 N Fifth St. Hamfest & Computer Expo. 9AM-1PM. Dealers, fleas, handicapped access, seminars, VE exams 11AM, walk-ins OK, free thru Laurel. Talk-in: 146.685 (151.4 Hz). \$7. Info: Kevin Berlien K9HX, [k9hx@arrl.net](mailto:k9hx@arrl.net), [www.w9uuu.org](http://www.w9uuu.org)

**16** 53rd Annual MI Crossroads Hamfest & Radio Swap meet sponsored by S MI ARS at Marshall Activity Ctr, 15325 W Michigan Ave, Marshall MI. From 8AM. Dealers, handicapped access, refreshments, VE exams 10AM, walk-ins OK. Talk-in: 146.66 (94.8 Hz) Adm \$5, tables \$10. **Requested insertion back in early Jan!** (I-69 goes N to Battle Creek, ~20 mi W of Marshall, from Ft Wayne IN) Info: Tom Goodson WR8G, 269=962-8007  
[crossroadshamfest@gmail.com](mailto:crossroadshamfest@gmail.com), [www.w8df.com](http://www.w8df.com)

**17** 58<sup>th</sup> TMRA Radio/Computer/Electronics Hamfest sponsored by Toledo Mobile RA at Owens Community College Student Activity & Health Ctr, 30335 Oregon Rd. 8AM-2PM. Dealers, fleas, handicapped access, refreshments, seminars, VE exams (register 8:45, exams 9, \$15, ARRL). Talk-in: 147.27 (103.5 Hz). \$6. Info: Brian Harrington WD8MXR, 419=383-5624, [wd8mxr@gmail.com](mailto:wd8mxr@gmail.com), [www.tmrhamradio.org](http://www.tmrhamradio.org)

**23** Gallipolis Hamfest sponsored by Mid-Ohio Valley ARC at Gallipolis Christian Church, 4486 OH SR 588. 8AM-12N. Dealers, fleas, handicapped access, refreshments, tailgating, VE exams (register at 9A, exams at 10; all classes, walk-ins OK). Talk-in: 147.06, 442.0 (both 74.4 Hz). \$5 advance, \$8 door. Ticket does not include exam fee or door prize entry. Info: Matt Gregg KD8OMT, 304=919-3068, [kd8omt@gmail.com](mailto:kd8omt@gmail.com), [sites.google.com/site/midohiovalleyarc](http://sites.google.com/site/midohiovalleyarc)

**Apr 6** Elizabethtown KY Hamfest sponsored by Lincoln Trail ARC at Elizabethtown Community College Campus, 630 College St Rd. 8AM-2PM. Dealers, fleas, handicapped access, refreshments, seminars, VE exams. Talk-in: 146.98. \$5 advance, \$6 door. Info: David Gregory K4DCG, 270=872-7634, [david.gregory@gmx.com](mailto:david.gregory@gmx.com), [www.qsl.net/ltarc/](http://www.qsl.net/ltarc/)

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**Feb 23 OH Section News** -In this issue: MUCH editing required!. AllOfIt at <http://www.arrl-ohio.org>

- Ohio Sec Youth&EducationalOutreach Pgm Announced
- Notes from Section Emergency Coordinator
- Notes from Section Traffic Manager
- Affiliated Club News
- Youth & Educational Outreach Report (not)
- Public Information Coordinator Notes (not)
- Inside the Web (not) - News from Technical Coordinator (not)
- Out & About in Southeast Ohio
- Special Event Stations in Ohio (not)
- Ohio Hamfest Calendar (replaced, precedes Section News)
- From Desk of Section Manager

*The 2 Fivez, OhKyIn ARS, March 2013 page 8*



## Ohio Section Youth & Educational Outreach Program Announced

During the ARRL forum held at the Mansfield Mid-Winter Hamfest on Sunday, February 17, 2013 Ohio Section Manager Frank J. Piper KI8GW announced the formation of a new program in the Ohio Section, "Youth and Educational Outreach". The goal of this program is to assist Schools, Youth Organizations, and Amateur Radio Clubs in educating our youth about Amateur Radio.

There are many programs and grants the ARRL offers to teachers and schools, which may go unnoticed simply because they are just not aware of how the science and technology of Amateur Radio can be brought into the classroom. There are many Boy/Girl Scout events which demonstrate Amateur Radio, and then the kids simply go back to their home councils, and never have the chance to research the hobby further. And, many Amateur Radio Clubs wish to develop younger members, but simply do not know where to gather resources to start a prosperous Elmer program. That is where this new program will come in.

The Educational Outreach program will be headed up by E. Mike McCardel KC8YLD, who will vacate his Affiliated Club Coordinator position to assume an Assistant Section Manager (ASM), Youth & Educational Outreach appointment, heading up a team of three other Assistant Section Managers, each with a responsibility for various aspects for this program. Those new ASM positions will be:

ASM – Radio Scouting    ASM – Youth Outreach    ASM – Educational Outreach

We are looking for applicants to fill these three roles. Applications should submit their qualifications to the Section Manager no later than 11:59PM local time, Thursday, February 28, 2013. After applications are submitted, selected candidates will be interviewed by E. Mike McCardel and the Section Manager. **Appointments will be announced no later than March 20, 2013.**

The following are job descriptions and requirements for each ASM position:

Assistant Section Manager – Scouting:

The ASM for Radio Scouting should be an active "Radio Scouter" in the Ohio Section and preferably be acquainted with the Radio Scouting activities and opportunities in both the Boy Scout and Girl Scout programs covered by the Section. As such, the ASM is preferably a registered member of either the BSA or GSUSA, or both.

The ASM for Radio Scouting shall establish contact with all BSA and GSUSA councils in the Section in order to promote Radio Scouting activities, especially Jamboree on the Air (October) and Thinking Day on the Air (February), as well as other operating events and opportunities throughout the year, including Council-run camps.

The ASM should promote the formation of Scout Council related committees or sub-committees on Radio Scouting in which local and area Clubs become an integral part of the Council's Radio Scouting planning and activities.

The ASM for Radio Scouting shall identify as many communication resources as possible for the dissemination and promotion of Radio Scouting in the Section, including such outlets as Club newsletters, Club programs, Hamfest programs, Internet discussion groups, Nets, Scouting newsletters, local news media, etc.

The ASM for Radio Scouting shall provide regular performance measurements and reports to the Section Manager and Assistant State Manager for Education and Youth Outreach and, shall participate in discussions on how to improve Radio Scouting in the Section.

The ASM for Radio Scouting must be an ARRL Full Member, holding at least a Technician class license.

The ASM for Radio Scouting shall consult, advise and cooperate with the ASM: Youth Outreach, and the ASM: Educational Outreach under the Direction of the ASM of Youth and Educational Outreach and the Section Manager. Recruitment of new hams and ARRL members is an integral part of the job of **every ARRL appointee**. Appointees should take advantage of every opportunity to recruit a new ham or member to foster growth of

Field Organization programs, and our abilities to serve the public.

#### Assistant Section Manager – Youth Outreach

The ASM for Youth Outreach should have experience working with youth and within a youth support organization and be acquainted with Amateur Radio activities and opportunities that would be a benefit for youth organizations with whom we partnership.

The ASM for Youth Outreach shall establish contact and rapport with a variety of youth organization including, but not limited to, Big Brothers/Sisters, YMCA, YWCA, Church Groups, 4H and community youth organizations and outreaches.

The ASM for Youth Outreach should look for opportunities with these groups to promote Amateur Radio as an educational, self-confidence building, service and family oriented activity.

The ASM for Youth Outreach should identify activities among youth groups that are compatible with the Amateur Radio service and be prepared to demonstrate to youth group leadership and administration how Amateur Radio would be a beneficial activity within their programs.

The ASM for Youth Outreach shall identify as many communication resources as possible for the dissemination and promotion of Amateur Radio among the Section's youth groups, including such outlets as Club newsletters, Club programs, Hamfest programs, Internet discussion groups, Nets, Local news media, etc.

The ASM for Youth Outreach shall provide regular performance measurements and reports to the Section Manager and Assistant Section Manager for Education and Youth Outreach, and shall participate in discussions on how to improve Youth Outreach in the Section.

The ASM for Youth Outreach must be an ARRL Full Member, holding at least a Technician class license.

The ASM for Youth Outreach shall consult, advise and cooperate with the ASM: Radio Scouting, and the ASM: Educational Outreach under the Direction of the ASM of Youth and Educational Outreach and the Section Manager. Recruitment of new hams and ARRL members is an integral part of the job of every ARRL appointee. Appointees should take advantage of every opportunity to recruit a new ham or member to foster growth of Field Organization programs, and our abilities to serve the public.

#### Assistant Section Manager – Educational Outreach

ASM for Educational Outreach should be an active educator or have past experience as a teacher and be acquainted with how amateur Radio activities and opportunities would be a benefit for schools at achieving their STEM and Core curricular goals.

The ASM for Educational Outreach shall establish contact and rapport with public, private and home schools as well as museums, libraries and other entities that promote and support an educational mission.

The ASM for Educational Outreach should serve as a liaison among schools, radio clubs and operators for the purpose of identifying and educating these entities how they can best work together to promote meeting the educational goals of STEM and Core curricular activities through Amateur Radio.

The ASM for Educational Outreach shall identify as many communication resources as possible for the dissemination and promotion of the educational mission of Amateur Radio throughout the Section, including such outlets as Club newsletters, Club programs, Hamfest programs, internet discussion groups, Nets, Scouting newsletters, local news media, etc.

The ASM for Educational Outreach shall provide regular performance measurements and reports to the Section Manager and Assistant Section Manager for youth and Educational Outreach, and shall participate in discussions on how to improve Educational Outreach in the Section.

The ASM for Educational Outreach must be an ARRL Full Member, holding at least a Technician class license. The ASM for Educational Outreach shall consult, advise and cooperate with the ASM: Radio Scouting, and the ASM: Youth Outreach under the Direction of the ASM of Youth and Educational Outreach and the Section Manager.

Recruitment of new hams and ARRL members is an integral part of the job of every ARRL appointee. Appointees should take advantage of every opportunity to recruit a new ham or member to foster growth of Field Organization programs, and our abilities to serve the public.

We look forward to hearing from all potential applicants for these positions. This is an exciting project that the Ohio Section is undertaking. We need passionate and talented people to make this project a success.

73, Frank J. Pipez **KJ8GW** Ohio Section Manager [ki8gw@arrl.org](mailto:ki8gw@arrl.org)

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### Notes from Section Emergency Coordinator

Ladies and gentlemen, boys and girls, children of all ages. Greetings and salutations from the Northeast corner of the Buckeye State. At this time, I'd like to direct your attention to the main arena where we'll be discussing and article on page 86 of the February edition of *QST* magazine. On page 86 you'll find a great Hurricane Sandy Debriefing. I will be quoting a paragraph or two that reminded me of my tour of duty at Hurricane Katrina. "There was no cellular service, power, landline telephone, cable TV, or Internet service during and after the storm. Anyone contemplating using IRLP, Echolink, or DSTAR systems using Internet VoIP should count them out for a storm of Sandy's magnitude as well as the Nor'easter that followed on her heels.

At the time of this writing, some of our IRLP links are still out, so putting together reliable stand alone, commercial power and Internet INDEPENDENT repeaters is the way to go. Battery backup alone is not enough for any length of time unless there is a way to recharge the batteries. Generator and solar back up power are the best solutions for outages lasting several days or weeks."

I ask that you take a minute or two to think about what was written.

Right away, you should recognize this happened in real time to real people. This was not your club's Field Day. This was not a Statewide Simulated Emergency Test (SET). This was not a training, exercise, or drill. This was real life. This actually happened to real people losing their homes and property. This happened to real people who have real emotions. This happened to real people who have friends and families. This happened to real people who have real problems that require real solutions. My point is this was not a table-top exercise where we can simulate no one getting hurt.

Huge snip 8< please read the rest of this at <http://www.arrl-ohio.org>

### >8 Announcements

The American Cancer Society Pan Ohio Hope Ride (POHR) is looking for amateur radio volunteers. This event is a 328 mile bicycle ride from Cleveland to Cincinnati spanning 12 counties in four days. I see this event as a "all hands on deck" type of event. Amateur radio plays a key role in event logistics and safety communications.

With approximately 500 cyclists out traveling the back roads and bike trails of Ohio, we really could use all the help we can get. We're primarily looking for Net Control Stations and operators to be stationed at start, finish, water stops, and strategic locations throughout the course. The Pan Ohio Hope Ride committee is very grateful for the efforts, experience, and expertise many hams bring to the table. Visit the ARES page on the Ohio Section website [www.arrl-ohio.org](http://www.arrl-ohio.org) for amateur radio details. Check out [www.panohiopheride.org](http://www.panohiopheride.org) for ride details.

All ARES appointments (DECs, ADECs, ECs, AECs, and OESs) are asked to attend the Ohio Section ARES Leadership meeting scheduled for Saturday, March 16 from 10AM to 3PM at the State of Ohio Emergency Operations Centers.

It's never too early to start thinking of ARRL Field Day. Unfamiliar with Field Day? It's a 24 hour nationwide exercise always held the 4<sup>th</sup> full weekend in June. This year it will be held June 22 and 23. ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. More than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote



Insufficient room for new FD logo in hard copies; mayhap next month, June for *darn* sure! –Ye Ed

locations. The 2013 Field Day packet is available for download from the ARRL website [www.arrl.org](http://www.arrl.org).

In final, there is no right or wrong answer when it comes to your arsenal of communications. It's all about what works for you. When it comes to emergencies and disasters, being prepared will lead you to being ready. Being ready will help make you a part of the solution and not part of the problem. That's all for this month. As always, I thank you for everything you do for amateur radio.

73, *Matthew Welch W8DEC* Ohio Section Emergency Coordinator [w8dec@arrl.net](mailto:w8dec@arrl.net)

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### Notes from Section Traffic Manager

As you read this please realize that February is almost over and March is just around the corner. Keep your eyes and ears open and look for Skywarn programs which will be held in all section of Ohio in the next few months. I highly recommend that we all get involved with the Skywarn training. To steal a quote from W8DEC, "Preparedness Leads to Readiness."

As I stated in my January notes I want to give you more information about the possibility and effects of an EMP, where it could come from and how it could affect your radios and propagation. My research suggests that there are three possible sources of an EMP. They are a nuclear explosion, a solar storm and to a lesser degree a very close lightning strike.

Let us take a look at the least likely source of an EMP but the most likely one that you will encounter as a ham radio operator or just anyone in any walk of life. That least likely source of an EMP is lightning. The lightning strike must be extremely close to do damage as an EMP pulse. More likely than not the damage will be done by the millions of volts of electrical charge, the current in that charge and the heat effect of that lightning strike going to ground.

Lightning can melt your antenna and leading wire, blow out the input of your transceiver, destroy your computer or laptop along with anything else electric or electronic in you house and set your house on fire. It happens somewhere in Ohio every year that homes are set on fire by a lightning strike. I personally believe that there is nothing that you can do to totally eliminate the destruction from a direct lightning strike. But with that said, there is a lot you can do to minimize the effect of a nearby strike.

There's much more on this, **but**. Another great big snip &lt; please read the rest of *this* at <http://www.arrl-ohio.org>  
>8

The subject of lightning protection is so large, important and massive that I do not believe I can actually do it justice in this brief article. Please check out these links to valuable information on lightning and lightning safety starting with the information from the ARRL website: (<http://arrl.org>) or <http://www.arrl.org/lightning-protection>.

Here are other websites that you may find interesting. There must be thousands of internet articles so suggested search terms would be lightning, lightning protection, thunderstorms, lightning protection and grounding.

How an electromagnetic pulse from an unlikely source can destroy your PC:

<http://www.getgogator.com/News/Content/Articles/Computers%20and%20Lightning%20induced%20EMP%20damage.pdf> <http://www.lightningsafety.noaa.gov/medical.htm> <http://surflibrary.org/ses/papers/EMC/EMP-Light.html> [http://en.wikipedia.org/wiki/Lightning\\_strike](http://en.wikipedia.org/wiki/Lightning_strike)

[http://en.wikipedia.org/wiki/Electromagnetic\\_pulse](http://en.wikipedia.org/wiki/Electromagnetic_pulse) <http://everydayreadiness.com/2013/02/emp/>

Lightning protection Huber + Suhner [http://www.nktrf.ru/upload/knowledgebase/Lightning\\_protection.pdf](http://www.nktrf.ru/upload/knowledgebase/Lightning_protection.pdf)

Lightning protection: [http://www.nkt-rf.ru/upload/knowledgebase/Lightning\\_protection.pdf](http://www.nkt-rf.ru/upload/knowledgebase/Lightning_protection.pdf)

Here are some links to YouTube videos and picture of lightning and thunderstorms:

Loud & Furious Lightning Storm -<http://www.youtube.com/watch?v=2Ey4KSnoReo>

Lightning! <http://www.youtube.com/watch?v=gmCqKBxTaPs>

Close "clear-air" lightning bolt! – Darwin <http://www.youtube.com/watch?v=Jm3rHONOr9o>

73, *David Maynard WA3EZN* Ohio Section Traffic Manager [wa3ezn@arrl.net](mailto:wa3ezn@arrl.net)



## Affiliated Club News

Special Service Clubs Program exists to recognize those clubs who do more than usual for their communities, and Amateur Radio Special Service Clubs or SSCs are the leaders in their Amateur Radio Communities. You can recognize them as the ones who, with active training classes, a publicity program, and whose members who actively engage in technical projects and operating activities. Special Service Clubs have a more ambitious program for their clubs. They tend to engage in a host of creative ideas and activities regardless of the size of their clubs. Ohio boasts 18 Special Service Clubs. Yet, when I visit a club or read their newsletters I am struck by how so many of our clubs fit this description. I think we have clubs out there who are doing all the work of a SSC but aren't getting the recognition as such because they simply haven't filed an application.

If you judge that your club is doing a lot for its community and members feel free to review the application. You can find it at <http://www.arrl.org/ssc-application>

Print it, review the questions, talk about it with your membership. If you have what it takes, go back online and file an application. I suggest that you have your answers typed as text and ready to copy paste when you go online to apply. I think Ohio should have at least 24 Special Service Clubs, maybe more.

**Around the Ohio Section...** please read the rest of *this* at <http://www.arrl-ohio.org> Big snip 8<

**Western Reserve ARC** holds an After the Holidays party in lieu of a January meeting. The meeting had another purpose, to present Mike Austin of Warren with long range ham equipment that speaks. Austin is visually impaired and just passed his test to be a General class operator. Unfortunately, he was sick but the club had nothing but good things to say about his contributions. "He's a very, very key radio operator here in the Valley because he's, for someone whose visually impaired, he's (acted as) the Network Control Operator, he is there and he's available and this piece of equipment that we want to present him with today would extend his reach beyond just the Valley," said Vice President of the Western Reserve Amateur Radio Club, Robert Webster. The club spent about a year raising the money to buy the equipment. During the event they were visited by local TV stations.

**Delaware ARA** has a very unique online Newsletter. I encourage everyone to visit and see for themselves. [http://www.k8es.org/archives/2013\\_February/](http://www.k8es.org/archives/2013_February/) Known for their fierce contesting they are so much more. Keep up the good work guys and gals.

**Greater Cincinnati ARA, Inc.** featured a program on the Operations of a Flex Radio at their February Meeting. They are participating in a committee among the area clubs. It was formed by the Presidents of the clubs in the Cincinnati area. You can follow the committees' works and local clubs at <http://www.tristatehams.org/>

*Pls see Worth looking at, page 7 - Ye Ed*

Remember - Get out of Meeting Mode!

73, *E. Mike McCazdel KC8YLD* Ohio Section Affiliated Club Coord (interim) [kc8yld@arrl.net](mailto:kc8yld@arrl.net)

PS. I will soon leave my duties as Affiliated Club Coordinator to assume responsibilities of coordinating Ohio's Youth & Educational Outreach.

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**Massive snip! 8<** Outta room, **must delete all down to SM's column.** SE OH ASM Connie N8IO's back in action after carpal tunnel surgery, been to 1 hamfest, plans 2 more this month, seeks room for Dayton.  
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## From Section Manager's (so much for clean) Desk

It was great to get out of the house last weekend and visit the Mansfield Mid-Winter Hamfest. Reconnected with a lot of great friends, had a lot of visitors to the ARRL table, and held a great ARRL forum. I am still

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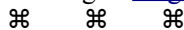
excited about the announcement of the Youth and Educational Outreach program E. Mike McCardel and I have developed for the Ohio Section. You have read many times how I feel our youth are not challenged enough in the areas of Technology and Engineering. With Federal and State agencies pushing STEM (Science, Technology, Engineering and Mathematics), and increasing demands in Core curriculum, this is the right time to “Educate the Educators” in the benefits of bringing wireless technology, by way of Amateur Radio, into the classroom. The ARRL is putting a lot of effort into this program at the national level. Our job here in Ohio is to make Schools and Youth Groups aware of what is available.

This will not be an easy program, and those volunteering may reach a lot of dead ends. But I’m one of those people who say “Throw the spaghetti on the wall, and see what sticks”. Any win from this program is a huge win for the youth of Ohio.

As with E.Mike, I ask all the clubs in the Ohio Section, look into your future plans, do they include a Youth Outreach? Has your club put on a demonstration, or made a contribution of materials to your local library? When your ARES group is providing help at a public service event, are you hidden in the shadows? Get visible and get active. Let’s show the public what Amateur Radio can do these days.

I look forward to seeing you at future Hamfest visits and club meetings!

73, *Frank Pipez* **KJ8GW** ARRL Ohio Section Manager [ki8gw@arrl.org](mailto:ki8gw@arrl.org)



### What’s coming in March 2013

Tue Feb 26		<i>Q-Fiver</i> distribution begins
Wed Feb 27	9:00PM	Tech Talk on 146.67 repeater, NCS Brian KC8FJN
Fri Mar 1	8:00PM	Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr – pls park in Bd of Educ lot
Tue Mar 5	7:30PM	Club meeting at St Bernard Recr Hall, 120 E Washington, StBernard Program: Build an easy antenna! Fred K9OHE shows you how
Wed Mar 6	9:00PM	Tech Talk on 146.67 repeater, NCS Robert AK3Q
Sat Mar 9		Fox Hunts declared OFF for winter! Please Be Warm or Go Brunch
	1:00PM	Oh-Ky-In Brunch Bunch at Sunnyside Grill, 7995 Wesselman Road, 45002 pg 5
Sun Mar 10		Daylight Savings Time begins!
Wed Mar 13	9:00PM	Tech Talk on 146.67 repeater, NCS Brian K4BRI
Fri Mar 15	8:00PM	Queen City Emergency Net, Red Cross HQ, 2111 Dana Av, Evanston
Sun Mar 17		St Patrick’s Day



Tue Mar 19	7:00PM	Technical Committee meeting if needed, location TBD
Wed Mar 20	9:00PM	Tech Talk on 146.67 repeater, Dennis KB8ROA April <i>Q-Fiver</i> copy deadline
Sun Mar 24		Palm Sunday
Mon Mar 25		Passover begins at sunset
Tue Mar 26	7:30 PM	Board of Directors Meeting, Centennial Hall, St Bernard; Apr <i>Q-Fiver</i> distribution begins
Sun Mar 31		Easter Sunday



**OH-KY-IN 2013 Committee Appointments**

Technical Committee Russ Hines WB8ZCC, Chair  
 Volunteer Examiners Brian DeYoung K4BRI, Chair  
 Membership Nathan Ciufo KA3MTT, Chair  
 Education Gary Coffey KB8MYC, Chair  
 PIO Jerry Shipp W1SCR  
*Q-Fiver* Editor Susie Scott N8CGM  
 Historian Dale Vanselow KC8HQS  
 Fox Hunters Chair Dick Arnett WB4SUV  
 DXpedition Coordinator Eric Neiheisel N8YC  
 WebGeezer Russ Hines WB8ZCC  
 Tech Talk Net Mgr Bruce Vanselow N8BV  
 Fundraising Chair Bruce Vanselow N8BV  
 Life Members Kenneth E. Wolf N8WYC  
 Karl R Kaucher KJ4KWR

ARPSC Representative Peter J Feichtner III KC8BZM  
 QCEN Representative Pat Maley KD8PAT  
 WARN Representative Peter J Feichtner III KC8BZM  
 Repeater Control Ops Mgr Bruce Vanselow N8BV  
 Librarian open  
 Field Day Chair Eric Neiheisel N8YC  
 Special Publications Jo Haltermon KD4PYS  
 Equipment Mgr Brian Fulmer KC8FJN  
 [n8yc@arrl.net] 513=598-1659  
 Silent Key Chair Bruce Vanselow N8BV  
 K8SCH QSL Mgr Gerry Weimer KD8ASL  
 TVI/RFI Chair Dick Arnett WB4SUV  
 John W. Hughes AI4DA

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Tue Apr 2 7:30PM Club meeting at St Bernard Recr Hall, 120 E Washington, St Bernard  
 Program TBD

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**Member news**

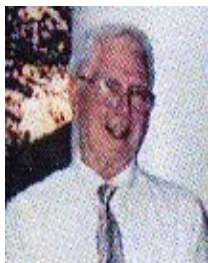
It is with great respect and a heavy, heavy heart that I report my father **Dick Bergheger WD8JAV** signed off at 10PM Friday, February 15 and joined the ranks of your esteemed Silent Keys. Dick really enjoyed the people he met at OH KY IN. It was a true love of his.

I guess he is at the Big Field Day in the sky, so to speak.

Thanks for all of your interest and the *Q Fivers* over the last, difficult years for Dick.

All the best to you and your fellow members of OH KY IN.

Out, *Doug Bergheger* Services were held Tue Feb 19 at St Ignatius Loyola Church, visitation at Mihovk-Rosenacker preceded



Fotos from family share card. *Ye Ed* able to thank son Doug & daughter Janet for Dick's 30+ years of national service as radioman (2 right-hand photos) in US Naval Reserve

*April Q Fiver copy deadline Wednesday March 20 please*