



K8SCH

THE Q-FIVE



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



Our 50th 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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Trustee/Licensee	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 the St. Bernard Recreation Hall (**NEW LOCATION!**), 120 Washington Ave. (corner Washington & Tower Aves) in St. Bernard, just east of Vine St. 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. 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]



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 2009 Volume 50 Number 1

From the President...

Welcome to 2010!! I would like to start off by thanking Dale KC8HQ5 for the all of the hard work he put in during the last 3 years as President and also to thank Brian K4BRI for all the hard work he has done for the many years he served on the board in various positions. Big thanks also go out to Kevin KI4PJK for his 2 terms as treasurer, also a well deserved break!!! I want to welcome Bob Crouch KD8JRR as our new treasurer and also welcome Jim Baird W8JRB as a first term board member. You both have tough shoes to fill based on the jobs your predecessors have done.

The new year is one that shows a lot of promise for our club. Our classes have brought several new members in to the club and we are settling in to a really nice new meeting facility (Thanks to Jerry Shipp KB8UBG for handling that!!). Through out the year we will be planning many club activities, workshops, & classes. Come out and take advantage of these. Also, if there is a specific activity you are interested in doing or learning more about, just let us know. Our club will only be as good as our members and the services we offer to them.

Again, from my family to yours, wishes for a happy and prosperous new year!!!!

73, *Gary KB8M4C*

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January Meeting Topic

The January meeting topic will be "D-Star 101" presented by Bob Spratt N8TVU. Bob will give us some great information on how D-Star works and the equipment involved. This promises to be a very informative presentation; plan on being in attendance! The **new meeting spot** is the St. Bernard Municipal Building (Rec. Center) located at 120 Washington Ave. in St. Bernard, just east of Vine St. Meeting still starts at 7:30 PM. If you need directions on the night of the meeting, please have a radio handy for talk-in. We'll be listening in on 146.67 or 146.925. Please remember the PL of 123 Hz.

73, *Brian KC879N*

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Minutes for General Membership meeting, Oh-Ky-In Amateur Radio Society, Dec 1 2009

Dale KC8HQ5 called the meeting to order at 7:42 PM at our new meeting location. This was followed by the Pledge of Allegiance.

Guests included Aaron, KD8ILV – 39 members attending.

New / Upgrades to license – Don WD8IDJ, Ted WB8VNV, Bob KD8JRR all passed

Extra – congratulations!

Proceeded to the self introductions

Health and Welfare – Ken Metz KE8K is a SK

Brag session – The Shipp's daughter is coming back from Iraq!

Dale thanked Gary KB8MYC for running the hospitality table.

Dale also thanked Jerry Shipp KB8UBG for procuring our new meeting space.

Dale asked for any corrections to the minutes – There was one correction, that they did not list that nominations were closed. Last meeting's minutes were amended to show that the nominations were closed. A motion to accept amended minutes was made by Ted WB8VNV, seconded by NG8A, and it was passed

Membership – Nathan KA3MTT reported there were 135 members for 2009, and 40 for 2010 – he has applications for 2010.

Treasurer – Kevin KI4PJK not here, reports were emailed.

Tech committee – Brian K4BRI reported that 146.67 is off the air temporarily, and we are awaiting repair of the controller among other things. 146.625 is on the air but low power. 146.925 is working but will need a total reset and reload to make the DVR work again.

Education committee – Gary KB8MYC reported that classes are over for 2009 and thanked the teachers which included Fred K9OHE and Brian K4BRI.

Fundraising - Bruce N8BV reported that he has hats and shirts - \$10 apiece

Tech Talk - Bruce N8BV reported all is well – Please check in – we know you are listening

Historian – Oh-Ky-In turns 50 next year – more information to come.

Elections – Ballots were passed out to members, counted and results presented. The Oh-Ky-In 2010 board is:

Gary Coffey KB8MYC, president

Brian Fulmer KC8FJN, vice-president

Dale Vanselow KC8HQS, recording secretary

Phil Smith KG8AP, corresponding secretary

Bob Crouch KD8JRR, treasurer

Directors are Nathan Ciufo KA3MTT, Bruce Vanselow N8BV and Jim Baird W8JRB.

Sweepstakes – SSB **did** make a sweep – thanks to all who participated. CW made 41 sections. Thanks to Eric, N8YC for hosting SSB sweeps this year, and operators:

AC4XS K4BRI KA3MTT KB8MYC KC8HQS KG8AP N8BV N8YC WB4SUV

Old business – we received a thank you from Taylor KC9KQV for the club's card that was sent to him after his wife died.

New business – USA ARDF championships will be in the Cincinnati area in May 2010 – more to come but we will need volunteer participation, as well as potential competitors.

Steve N8TFD introduced Aaron McKnight KD8ILV who is the now the Hamilton County EC. Aaron talked for a moment and told anyone wishing information to email him at [kd8ilv@fuse.net].

The random member drawing winner was Gary Volkerding WA8KQK, who was not present and would have received \$15. There was no split the pot but there were door prizes.

Meeting was adjourned at 8:34 PM to devour pizza.

Respectfully submitted - *Brian K4BR1*

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OH-KY-IN SEASONAL APPAREL SALE
ALL SHIRTS NOW \$10

(Regardless of size)

Sizes Available: L XL XXL XXXL

HATS NOW \$10

Available at club meetings or call N8BV @ 513=251-1555

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DIAL Winter 2009-2010 Ham Radio Class To Begin !

Beginning Wednesday evening, January 13, the DIAL RADIO CLUB will offer a twelve-week class to prepare a candidate for examination in Amateur Extra Class amateur radio operator license.

This class will meet in Verity Lodge on Wednesday evenings, 6-9 PM on the Middletown Campus of Miami University

Theory instruction will begin January 13 and conclude April 14, excluding the evenings of February 10 and March 10. An ARRL/VEC examination session will be scheduled at the conclusion of the class on the evening of April 21.

Although there is no charge for the instructional portion of this class, students should be prepared to purchase a license training manual and supplies (approximately \$20-25) for use in class.

Class enrollment will be limited to 20 students. For registration and/or additional information, please contact Beverley Taylor N8GGE by phone [513=423-3165] or e-mail [taylorba@muohio.edu].

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Operations approved for DXCC credit

None this time, sorry. --*Ye Ed*

DX Spots - January 2010 de KA3MTT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31					1 	2
3	4	5 P40CG- Aruba thru 1-26 	6	7	8 CE0-Easter Is thru 1-11 ----- J8-St Vincent thru 2-12	9
10 XR9JA- South Shetland Is thru 1-14	11	12 HS0ZJF- Thailand thru 3-8 	13	14	15 J5UAP- Guinea Bissau thru 3-31	16
17	18 FO-Austral Is thru 2-5	19 CE0Z-Juan Fernandez thru 2-2	20	21 YJ0MM- Vanuatu thru 1-28 ----- VP8DMN- Falkland thru 1-29	22 ST26ASC- Sudan thru 1-28 	23 PY0F- Fernando de Noronha thru 2-3
24	25	26 6W-Senegal thru 2-10 	27	28	29	30

Contests

January 2010

- 1-5 ARRL Straight Key Night; ARRL RTTY Roundup; SARTG New Years RTTY Contest; AGCW Happy New Year Contest, CW; EUCW 160 meter Contest, CW; ARS Spartan Sprint, CW
- 9-10 Hunting Lions in the Air, all modes; Midwinter Contest (NL) SSB & CW; MI QRP Club Jan QRP Contest, CW; NA QSO Party, CW; DARC 10 meter Contest, SSB & CW
- 16-17 NA QSO Party, SSB; LZ Open Contest, CW; HA DX contest, SSB & CW; International United Teenagers Contest, SSB & CW; Feld-Hell Simpson Sprint, Digital;
- 21-22 YLISSB QSO Party, SSB; Linc Cundall Memorial CW Contest ; Locust QSO Party, CW; NAQCC Monthly Straight Key Sprint; BARTG RTTY Sprint
- 29-31 ARRL January VHF Sweepstakes; CQ WW 160 meter Contest, CW; REF Contest, CW; UBA Contest, SSB; Winter Field Day, all modes; WAB Top Band Phone Contest; Classic Exchange
- Wow- a lot of contests. Hope for cold weather so the significant other won't mind your contesting 24/7. Have fun. For more information see *QST*, *CQ*, or www.arrl.org

73, *Dan K744U*

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We once again had a good weather day and a great crowd for the 2009 Price Hill **Thanksgiving Day Parade**. My thanks again to my great group of veterans as well as rookies!

As for next year, I'm looking to hand off the responsibilities for the parade. My better half has been eternally patient with me over the past 12 years as I have been away in the morning so I'd like to be around to help out in the morning. If no one steps up early, I'd like to let the parade committee know as soon as possible. They very much appreciate our help on this so I would hate to just walk away. Thanks again to all!

Bob WA6EZV Harry WA8LOJ Kevin N9VRF Laurie KF4YWG RickKD4PYR
Alex KJ4HPE Brian K4BRI Chris KI4BOR Don WD8IDJ

73, *Dennis KB8JVK*

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WEAVER'S WORDS - Happy 2010 [Reply to k8je@arrl.org]

- ARRL Seeking EmComm Manager
- How to get News Published and Broadcast
- Congratulations
- The GLD in Print
- Tech Class Question Pool Updated
- 2011 Great Lakes Division Convention
- Board of Directors to Meet
- Tentative Schedule

+++ **ARRL Seeking EmComm Manager** +++

The ARRL is accepting applications for the open position of Emergency Preparedness and Response (EPR) Manager. The job is based at ARRL HQ in Newington, CT. The successful applicant will represent the League with government and non-government emergency and disaster response organizations and partners for planning, continuity and operational purposes.

Requirements for the position include holding a General Class or higher amateur license, having a minimum of 5 years experience in ARES^R or equivalent and hold a Bachelor-level or higher degree. For further requirements and a description of the EPR Manager position, go to <http://www.arrl.org/news/stories/2009/12/22/11261/?nc=1>. Interested amateurs should follow the instructions on the Internet notice to apply.

+++ **Tech Class Question Pool Updated** +++

Unless you plan to take the Technician class license examination before July 1, 2010, don't use study guides based on the question pool that became effective July 1, 2006. The 2006 pool will be replaced by a 2010 question pool effective July 2010. The 2006 pool and study materials used for it are useable for Technician exams to be given as late as Jun 30, 2010. *The 2-Fiver, Oh-Ky-In ARS, January 2010 page 7*

Beginning July 1, 2010 Tech exams will be based upon the 2010 question pool. This pool will be available to the public in early January.

People wishing to obtain a printed copy of the pool or a study manual based on it should watch for announcements in ham publications or on the web. Of course, www.arrl.org and ARRL bulletins will be a good source of information on these.

+++ **How to get News Published and Broadcast** +++

We often hear it said that people do not know what Amateur Radio is and what amateur operators do. As often as not, this is true. The question this situation poses is "how can we amateurs overcome this situation."

The answer to the question is "publicity" or "public relations (PR)." We need to have local amateurs tell the story of modern Amateur Radio to the public and to officials. We need to get "press" and "broadcast" coverage for what we do.

How can we get this coverage? Who can get this coverage for us? The answer to these questions is, "us." This is a task that principally needs to be performed by us in the field. We are in the best position to know what is going on in local Amateur Radio circles and who is doing it. Unless the situation is big enough to gain the interest of regional or national news media, no one can do the task better than someone where the activity is being held.

As is true of so many things in life, getting good PR requires a little knowledge -- a little. Most local print and broadcast media want to include local residents in their stories. It is local people who read and hear the stories. Local people want to know what is going on in their area. Local people buy the newspapers and the goods advertised in them and over the broadcast media.

It is up to us, though, to prepare the news we give to the media in a manner that increases their likelihood of using it. As time goes by, it is becoming increasingly important that we know what the media want.

Doing this is not difficult. Even so, it requires that we learn how to "market" the Amateur Radio stories we want to tell.

ARRL PR manager Allen Pitts W1GGP has developed a self-teaching course to show us how to get publicity for ham radio activities. This is the new ARRL PR-101 course. Following the information contained in this course, any reasonably literate amateur can learn how to get good press for Amateur Radio.

ARRL's PR-101 course is designed to train Public Information Officers and others in promoting Amateur Radio and ARRL through the new media. Some Section Managers have been so impressed with the course that they are requiring their Public Information Officer appointees to take it.

To learn how best to obtain good press coverage for ham radio go to

<http://www.arrl.org/catalog/?item=0133> to read about PR-101.

+++ **2011 Great Lakes Division Convention** +++

The Great Lakes Division Cabinet has begun to think ahead to a 2011 Division Convention. We would like to hear from groups or clubs that may be interested in sponsoring this event. The Division Cabinet is composed of the Division Legislative Action Chair (NB4K), the three Section Managers (KY4Z, KY; WA8EFK, MI; KI8GW, OH), the Vice Director (KI4LA) and me.

At this time, we are looking for a sponsor for a convention that may be a stand-alone convention (not associated with an existing hamfest) or a convention associated with an existing hamfest. The Cabinet is also open to suggestions that may include keeping the convention at a fixed location and date.

Please contact me [k8je@arrl.org] for further information if you are interested in discussing sponsoring the convention.

+++ **Congratulations** +++

To Bonnie Viele N8MCX who was elected to her fifth term on the Hubbard OH city council. Husband Jerry W8JV is one proud guy.

+++ **Board of Directors to Meet** +++

The Annual Meeting of the ARRL Board of Directors will be held January 15 and 16. The meeting will be held in Windsor CT which, as is true of Newington, is a suburb of Hartford. Major committee meetings will be held at ARRL HQ on January 14.

If there are topics you would like me to discuss while in Connecticut, please let me know. Send your thought to me at [k8je@arrl.org].

+++ **The GLD in Print** +++

Joel Thurtell K8PSV and the Ohio Michigan Indiana Kentucky (OMIK) ARA shared part of p. 93, in the December issue of *QST*. Joel's book "Up the Rouge!" was published by Wayne State University press. It describes his canoe trip up the Rouge River.

The OMIK Scholarship Fund presented a \$1,000 check to Caitlin Grey of Wadsworth OH. The OMIK radio club was founded at Wilberforce University, Wilberforce OH in 1952 by students from the four states. Incidentally, many members of the Tuskegee Airmen of WW 2 fame became members of OMIK. On p. 24, Verle Willingham K8VW of Fenton MI reported the demise of the Firebird ARC. This was a GM employee Amateur Radio club that had a run of 48 years.

Chris Castle KI4BOQ, of West Van Lear KY received ink on p. 83 for being named to the All-State Choir as previously mentioned in *Words*.

Jetstream USA ads: Did you know Jetstream is a Great Lakes Division (Southwestern Ohio) company? Any guesses as to which retail business owns Jetstream?

An oops. Matt Severin, mentioned last month, is N8MS and is from Eau Claire MI -- not K8MS from Traverse City. Thanks to Bill Wheeler W8JBA for correcting the error.

+++ **Happy New Year** +++

On behalf of ARRL and myself, I wish each of you a very Happy and Prosperous New Year. May 2010 prove to be the best year ever for you.

+++ **Tentative Travel & Hamfest Schedule** +++

Hamfests in the following list have received ARRL sanctioning as of press time. These and other events for which a Great Lakes Division representative is scheduled to attend are identified with the representative's name.

5 Jan: Coshocton Co. 50th Anniv. presentation - Jim

8 Jan: Dayton ARA, presentation - Jim

11 Jan: Director Teleconference -- Jim

12 Jan: GLD Cabinet Telecon -- Gary, SMs, NB4K, Jim

14 Jan: A&F Committee, Newington CT - Jim

15-16 Jan: Board of Directors, Windsor CT - Gary, Jim

17 Jan: Hazel Park Hamfest, Hazel Park MI

17 Jan: Sunday Creek Hamfest, Nelsonville OH

31 Jan: TUSCO Hamfest, Strasburg OH

6 Feb: HARA Swap & Shop, Negaunee MI

7 Feb: NOARS Winter Hamfest, Lorain OH

11 Feb: SW Ohio DXA presentation - Jim

13 Feb: Cherryland Hamfest, Traverse City MI

14 Feb: Midwinter Hamfest, Mansfield OH - Jim

21 Feb: Livonia Swap n Shop, Livonia MI

6 Mar: Mammoth Cave Hamfest, Cave City KY - Jim

20 Mar: Michigan Crossroads Hamfest, Marshall MI -- Jim

3 Apr: ARGYL Hamfest, Lowell MI
 3 Apr: Lincoln Trail Hamfest, Elizabethtown KY
 17 Apr: Milford Swap & Shop, Highland, MI
 18 Apr: Cuyahoga Falls Hamfest, Cuyahoga Falls OH
 25 Apr: Athens Hamfest, Athens OH
 14-16 May: Hamvention^R, Dayton OH - Gary, Jim
 19 Jun: Milford Hamfest, Milford OH
 20 Jun: Monroe Hamfest, Monroe MI -- Jim
 8 Jul: Mahoning Valley ARA, presentation -- Jim
 16-17 Jul: Board of Directors, Windsor CT -- Gary, Jim
 25 Jul: Portage Hamfair, Randolph OH
 22 Aug: Cambridge Hamfest, Cambridge OH
 11 Sep: Grtr Louisville 'fest, Shepherdsville KY -- Jim
 18 Sep: Central KY ARS Hamfest, Richmond KY
 73, *Jim Weaver K8JE* Director ARRL Great Lakes Division
 5065 Bethany Rd. Mason, OH 45040 E-mail: k8je@arrl.org, Tel.: 513=459-1661
 ARRL - The national association for Amateur Radio

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OPERATING TIP Here's a motivational idea that's particularly good for teams - make a chart showing the previous year's score for the contest, hour by hour, and post it where it can be seen from the operating position. Update the team's progress every hour with the goal to keep the new line above the old line!
ARRL Contest Update, 12/23/09, Ward N0AX, Ed

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GCARA is looking into starting an **Amateur Radio Venture Crew**. The purpose of the Crew will be to promote Amateur Radio and Scouting values.

The vision for this Crew will be support to the community and Scouting with any communications needed.

Activities will include Field Day, Jamboree on the Air and other various Scouting events throughout the year. We will also be setting up a station at Camp Friedlander and hopefully support Summer Camp Operations and Radio Merit Badge.

This Crew will be opened to Hams and non-Hams alike. One of the first items on the Crew agenda will be a Technician Class.

Venturing is a youth development program of the Boy Scouts of America for young men and women who are 14 (and have completed the eighth grade) through 20 years of age.

If you are interested in joining as a member or Adult Volunteer email Dave K8SSN at [dave@k8ssn.com]. There will be information sent out pertaining to meeting location and time to all who send an email. The projected first meeting will be January 20, 2010.

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MARS Gets New Name As It Fine Tunes Mission (Dec 24, 2009) -- On Wednesday, December 23, the Department of Defense (DoD) issued an *Instruction* concerning MARS, effective immediately. This *Instruction* gives the three MARS services -- Army, Air Force and Navy/Marine Corps -- a new focus on homeland security and a new name: *Military Auxiliary Radio System*. The *Instruction* is the first major revision to MARS

since January 26, 1988 -- as such, the first revision since the 9/11 attacks and Hurricane Katrina, two major events that changed the way Amateur Radio dealt with emergency communications. From *www.arrl.org*
 Didn't it used to be *Affiliate*? -- *Ye Ed*

Chinese Satellite XW-1 Receives OSCAR Designation (Dec 21, 2009) -- Less than one week after China's first Amateur Radio satellite -- XW-1 -- was successfully launched, AMSAT has designated it Hope-OSCAR 68, or HO-68. "Amateur Radio Operators around the world have received beacon signals from XW-1," said AMSAT-NA OSCAR Number Coordinator Bill Tynan, W3XO. "XW-1 has been coordinated through IARU Amateur Satellite Frequency Coordination Panel. As XW in Chinese means 'hope,' it had been requested that this word be used as the prefix for the new OSCAR number. Therefore, with the above information and the authority vested in me by the AMSAT-NA President, I hereby designate this latest Amateur Radio satellite as Hope OSCAR 68 or HO-68." HO-68's communications payload includes a beacon and three crossband transponders operating in FM, SSB/CW and digital modes. Uplink and downlink frequencies can be found on the [CAMSAT Web site](#). For the latest Keplerian elements for XW-1 and other satellites, check out the [W1AW Keplerian Bulletins](#).
From www.arrl.org

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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 licence classes. Info: Dale Pritchett KC8HJL, 513=769-0789.

2d Mon each month: Edgewood KY, sponsored by NKARA, at Hilltop Church of Christ, 5300 Taylor Mill Rd, Taylor Mill KY 41015 (new site). Park in back, pls enter thru basement. Register 6 PM. 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. Walk-ins OK. No exam fee at Milford exams! Theirs are now from Laurel. Info: Barbara Steward KA8AXY, 513=625-8651 [wsteward@fuse.net].

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. 2010 exam fee, where levied, is \$15.

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Due to the holidays no **Technical Forums** were held during the month of December.

The next Technical Forum will be held on Saturday, January 16th, 2010

Questions or comments regarding the Technical Forums should be sent to:

Ben (KA8LLE) 740-254-9385 KA8LLE@me.com

-or-

John (K8CQA) 740-254-4693 demuthent@roadrunner.com

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Filling Things from ARRL Contest Update for 12-9-09, ed by Ward Silver N0AX

In the December 2009 [EMCOMM QUARTERLY](#) we learn "A Navigator's Definition of Latitude and Longitude": Latitude is where we are lost and Longitude is how long we've been lost there!

How is the health of ham radio licensing in the United States these days? Without some data, it's hard to say, but fortunately there are Web sites that publish the latest numbers. Len AF6AY has gone one better and done a fair amount of analysis, [presenting and discussing licensing data](#) over the past three years from several perspectives. Elwood WB0OEW took that data and [graphed it](#), as well. How are we doing? Although growth is slow, it's positive and steady!

[Vibroplex changes hands](#) - no, not from right to left, but from Mitch Mitchell W4OA to Scott Robbins W4PA, formerly Amateur Radio Product Manager for Ten-Tec, effective Dec 21. Scott is going to move the [Vibroplex](#) company from Alabama to Knoxville, Tennessee over the last two weeks of December and plans to have everything back on-line and ready to go by Jan 5, 2010. Founded in 1904, Vibroplex is a name that just keeps going and going! I wonder what brand of paddle Scott will take with him to compete in WRTC-2010?

Finally, a use for the PL-259 outer shells that you just can't force yourself to throw away after you forgot to put it on the cable and had to cut the body off and start again. (No, I never did that - I just heard about others doing it.) The photos in this [cham.net article](#) illustrate the process clearly.

Building (or rebuilding) a new tube amp or HV power supply requires special high-voltage wire. This is pretty pricey stuff but [automotive spark plug wire](#) is a good substitute and saves money! You can also use the center conductor and insulator of RG-8 or RG-213 up to the 5 kV rating of the cable. (Thanks, Dino KX6D)

On to the next Update issue ...

For chemistry aficionados?

I saw a bit of these videos on a recent newscast and I know my readers will find them fascinating. The University of Nottingham has produced a series called "[The Periodic Table of Videos](#)" with a feature on each and every one. Yes, there are explosions and vapors and fumes, but it's great education, too!

ARRL Contest Update, 12/23/09, Ward N0AX, Ed

Snips from TECHNICAL TOPICS AND INFORMATION

Here's an assignment for those curious about log periodic -or "log" - antennas. Browse to the [ARRL home page](#) and log in. Then use the *QST* Archive Search tool to find "Practical High Performance HF Log Periodic Antennas" by Bill Jones K8CU in the September 2002 issue. Tasty! (Thanks, Dino KX6D)

If you saw the sides off a log, does that make it a beam? That's a joke from timber country...

Here's a tool name I didn't know - Spudger -- a general-purpose wiring/electronics tool, basically a nylon or wooden stick, frequently with a hook on one end, used for grabbing wires, prying parts or plastic cases open, setting DIP switches, and other common electronics and telecom functions. (from [Make](#): December 2009 newsletter)

ARRL Contest Update, 12/23/09, Ward N0AX, Ed

Hamfests &c.

January 2010

17 14th Annual Sunday Creek AR Federation Hamfest at Tri-County Vocational School, 15676 St Rte 691, Nelsonville OH. 8 AM-3 PM. Talk-in: 147.15, 147.225. \$6 admission. Fleas, handicap access, refreshments, VE sessions at 12N. Info: Jeramy Duncan KC8QDQ, 740=767-2554, [jeramy_duncan30@yahoo.com]

31 20th Annual Tusco ARC Hamfest at Wallick Auction House, 965 N. Wooster Ave., Strasburg OH. Set-up 6 AM, public 8 AM. Talk-in: 146.73. \$5 admission. Dealers, fleas. Info: 888=447-2403, [hamfest@tuscoarc.org], www.tuscoarc.org

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Something old is new again; giving up the graphic monthly calendar. Tho pretty, it was too much work –

Ye Ed

What's coming in January 2010


Fri Jan 1 New Year's Day (ARPSC should be next Fri)
Tue Jan 5 7:30 PM Club Meeting at St. Bernard Recr Hall, 120 E Washington, St Bernard
Program: D-Star 101 by Bob Spratt N8TVU
Wed Jan 6 9:00 PM Tech Talk on 146.925, NCS Dale KC8HQS
Fri Jan 8 7:30 PM Amateur Radio Public Svc Corps, Hamilton Co Communications
Ofc Conference Rm, 2377 Civic Ctr Dr – park in Bd of Educ lot
Sat Jan 9 10:00 AM Monthly Oh-Ky-In Fox Hunt, hounds gather at Mt Storm Park; talk-in
to start on 146.67
Tue Jan 12 7:00 PM Technical Committee meeting if needed, location TBA
Wed Jan 13 9:00 PM Tech Talk on 146.925, NCS Brian K4BRI
Fr Jan 15 8:00 PM Queen City Emergency Net, Red Cross HQ, 820 Sycamore St
Wed Jan 20 9:00 PM Tech Talk on 146.925, NCS Dennis KB8ROA
Tue Jan 26 7:30 PM Board of Directors' meeting, location varies
Wed Jan 27 9:00 PM Tech Talk 146.925, NCS Brian K4BRI
Tue Feb 2 7:30 PM Club Meeting at St. Bernard Recr Hall, 120 E Washington, St Bernard
Program to be announced

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Spaceweather.com asks for HAM input

From their [website](#):

"CALLING ALL HAMS: No hobby is more sensitive to solar activity and space weather than ham radio. So here is a call to ham radio operators: Is spaceweather.com meeting your needs? We welcome your suggestions to improve our website. Submit ham-friendly ideas".

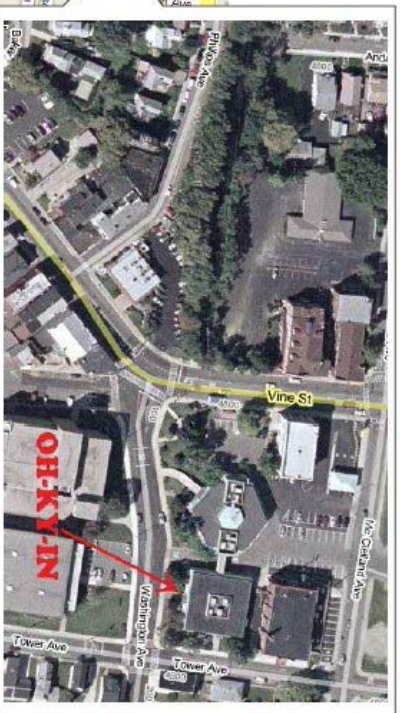
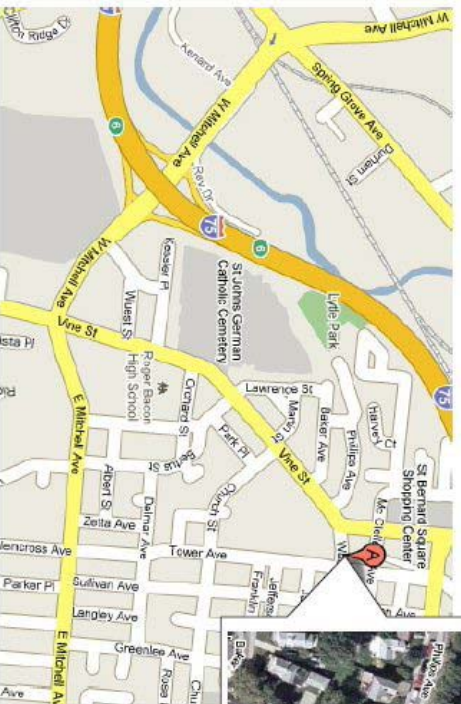
Here's your chance 

73. Damian

BLUE MOON ON NEW YEAR'S EVE: This Thursday, Dec. 31st, for the first time in almost twenty years, there's going to be a Blue Moon on New Year's Eve. Get the [full story](#) and party tips from Science@NASA. **From Spaceweather.com**

NEW OH-KY-IN MEETING LOCATION

Effective Tuesday, December 1st, 2009, the OH-KY-IN Amateur Radio Society will be meeting at 120 Washington Ave in St. Bernard, Ohio.



**St. Bernard Recreation Hall @ the corner of
Washington & Tower Ave's.**

***Thanks to Jerry K8YUBG
for his help with this!***

Directions: The St. Bernard Recreation Hall is easily accessible from Exit 6 off I-75. Turn off the exit on to W. Mitchell Ave (turn right if you were Northbound on 75, left if you were southbound). Turn left on to Vine Street and proceed up the hill. Turn right on Washington Avenue and the building is on the left, at the corner of Washington Avenue & Tower Avenue. The entrance is on Washington. Parking is available on street or behind the building.

If you haven't been to the NEW meeting site yet, here's a map --

