



K8SCH

THE Q-FIVER



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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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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Electronic copies: PDF Creator

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)

July 2010 Volume 50 Number 7

Words for the month

By the time most of you read this, another Field Day will be in the history books. Hopefully you got to stop by the site, operate for a while, and enjoy a good dinner. A big thank you goes out to Eric N8YC for being this year's chair and to John KC8VQU, for once again being our chef (if field day dinner ever becomes a competition on the Food Network, we have a winner!). Also a big thanks goes out to all of the people who helped set up and get the equipment together; without you we could not operate efficiently.

If you missed last month's meeting you missed a great presentation about the DX Adventure Crew. This group of youths (and their mentors) will be operating next month from Costa Rica. We will make sure we get a message out when they are on the air. I know they would love to make as many contacts from the Cincinnati-Dayton area as possible.

We still have some very interesting programs lined up in the coming months. If you have not been to a meeting in a while, stop out and enjoy the fellowship ham radio brings. Our "new" meeting location is great. It is air conditioned and comfortable. Come out and join us in the club's activities. Remember, our group can only be as active and successful and active as our members make it.

Until next month, 73 and hope to hear you on the air!

73, *Gazy KB8MYC*

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Next meeting

Ladies and gentlemen,

This would normally be the time to announce the program for the coming members' meeting on Tuesday, July 6 at 7:30 PM at the now-usual location (see mast page opposite). While an AMSAT representative or two was scheduled for the July meeting, they've postponed. So they now plan to come in August, & July may be a SURPRISE!

73 *Bzian KC8FJN*

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Club meeting minutes for Tuesday, May 4, 2010

President Gary KB8MYC called the meeting to order at 7:40 PM @ St. Bernard Municipal Building (Rec. Center) preceded by the Pledge of Allegiance. Approximately 30 in attendance.

Proceeded to self introductions.

Health and welfare: None

Brag session: None

Meeting program: A very nice presentation by the Youth DX Adventure Group.

Break was at 8:05 PM and was 15 minutes long.

Gary KB8MYC thanked Brian KC8FJN for working the hospitality table.

Gary KB8MYC asked for corrections to the meeting minutes of the May 2010 club meeting. John

KC8VQU moved to accept as printed in *The Q-Fiver*. Tom NG8A seconded. Motion carried.

Membership: Nathan KA3MTT not here but membership apps were available.

Treasurer: Bob KD8JRR is on vacation in Canada.

Silent key: Bruce N8BV has sold some equipment from Ray W8LKX's estate. He still has some available...

Technical Committee: Tech. committee meeting on June 15 at 7:30 PM at the 146.67 repeater.

Equipment manager: Brian KC8FJN still working on inventory. Progress has been made...

Fundraising: Don't forget we'll work a beer booth at Red, White & Blue Ash on July 4th (Sunday).

Entertainment will include: Yes and Peter Frampton. Feel free to stop by and volunteer or see us!

Location: Duke Realty parking lot at Reed Hartman & Glendale Milford Road. Entertainment is free...

ARDF: Event was successful! Bob WA6EZV thanked numerous club members for helping out.

TechTalk report: Check-ins are up. Net is Wednesday nights at 9 PM

50th Anniversary: Awards Dinner & 50th Anniversary celebration will be on Tuesday, June 8th at 7:30 PM.

Location this year will be at the Golden Corral (near Parkcrest Ln. & Glenway Ave.) in Western Hills.

Field Day: Eric N8YC told us about our setup for this year. Station signups were available. We'll operate

2A again this year. Dinner will be at 6 PM on Saturday. Please bring friends and family! Also, you are

welcome to (please) bring a covered dish for dinner! Saturday, June 26th & Sunday, June 27th with setup on

Friday, June 25th.

Old Business: None

New Business: None

The attendance prize winner was Veronica McGill N8FYC who was not present and would have won \$40.

The attendance prize will roll to \$45 for July.

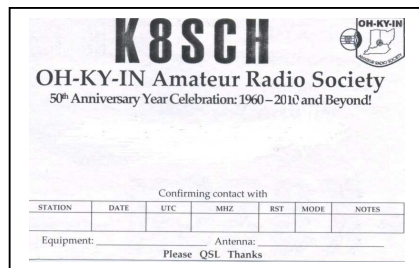
Split the pot was \$17 and was won by Harry KM4CS.

Cindy KB8WEI moved to adjourn, Jim W8JRB seconded. Meeting was adjourned at 8:48 PM.

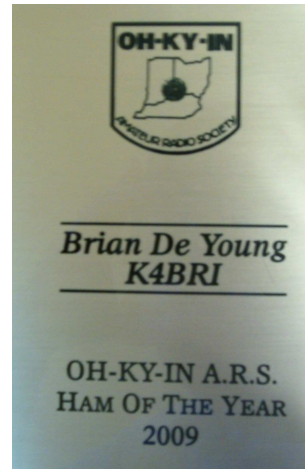
Respectfully submitted, *Dale KC89IQS*

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Awards Dinner & 50th Anniversary celebration was indeed on Tuesday, June 8th at 7:30 PM at the Golden Corral (near Parkcrest Ln. & Glenway Ave.) in Western Hills. Turnout wasn't heavy; maybe 25 members & guests (including young children) were able to attend. As El Pres Gary KB8MYC did NOT say in his column, **Ham of the Year** for his tireless efforts to get the repeaters running RIGHT was **Brian K4BRI**. Ye Ed's photo of the plaque sort of turned out, tho the one with the right colours had too much flash-flare (see next pg). Ted WB8VNV designed a new post-card-sized award certificate, since so many of us have the full-sized certs cluttering our files. Samples seen here:



Second side has room, depending on type size, for what the holder did for the club in the past year.



The cake was chocolate with thick gooey icing, seen here. There were leftovers, which someone did take home (*Ye Ed* doesn't know who, not that it matters.) The gold & black photos of Brian K4BRI's plaque were closer to actual colors, but also reflected far too much to be usable. Both photos by *Ye Ed* N8CGM.

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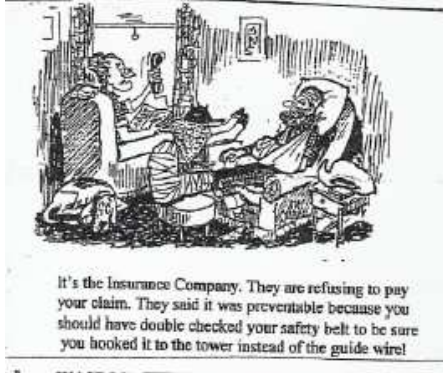
Oh-Ky-In Summer Apparel Sale!
ALL SHIRTS NOW \$10
(regardless of size)
Sizes available: L XL XXL XXL
HATS NOW ALSO \$10
Available at club meetings or
call Bruce N8BV at 513=251-1555

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

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from Sterling-Rock Falls IL *Electron*, May 2008

from GCARA *Mike & Key*, Jan 2010



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DX Spots - July 2010 de KA3MTT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 JW-Svalbard thru 7-11 ----- D44TOI-Cape Verde Is thru 7-13	2	3
4 	5 FP-St Pierre & Miguelon thru 7-14 	6	7 JT1-Mongolia thru 7-22 	8	9 C6-Bahamas thru 7-25 	10 CT3-Madeira thru 7-13 ----- TK10B- Corsica thru 7-24
11	12 V31-Belize thru 7-19 	13 3D2-Fiji thru 7-14 	14 FW5M-Wallis & Futuna thru 7-24 	15 XT2EME- Burkina Faso thru 8-2 	16 IS0E-Sardinia thru 7-24 	17 S79BWW- Seychelles thru 7-31 
18 TF-Iceland thru 7-27 ----- S79SAL- Seychelles thru 7-31	19	20	21 6V7W- Senegal thru 7-31 	22	23	24 9H3Y- Malta thru 7-31 
25 6V7EA- Senegal thru 7-31 	26	27	28	29	30	31

OPERATIONS APPROVED FOR DXCC CREDIT. The following operations are approved for DXCC credit: Mauritius Island, 3B8EME, 2010 operation; Burundi, 9U2T and 9UPVI/9U1P, 2010 operations; Rwanda, 9X0CW and 9X0LX, 2010 operations; and Iraq, Y19HOC, 2009 operation. If QSOs were rejected for these operations, send an email to <dxcc@arrl.org> to be placed on the list to update DXCC records. *ARLD022 DXnews*, June 3, 2010

OPERATIONS APPROVED FOR DXCC CREDIT. The following operations are approved for DXCC credit. Palestine, E4X, 2010 operation and E4/7K1REG, 2000 operation. *ARLD024, DXnews*, June 17, 2010

Bill Moore, NC1L, ARRL Awards Branch Manager, reports that 2010, E4X operation from Palestine operation **will now be accepted for DXCC credit.** If you worked this operation, the QSL route is via EA5RM. –*Amateur Radio Newline* #1714, June 18, 2010

Thanks as always (not always said!) to NC1L, *QRZ DX, The Daily DX, the OPDX Bulletin, DXNL*, “Contest Corral” from *QST* and the ARRL Contest Calendar and WA7BNM web sites for information provided.

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Contests

July 2010

- 1 Canada Day Contest 
- 2-25 NS Weekly CW Sprint
- 2-4 DARC Digital Corona Contest; Venezuela Independence Day Contest; DL DX RTTY Contest; MI QRP 4th of July Contest; 070 Club Firecracker PSK31 Sprint
- 9-11 FISTS Summer Sprint; IARU HF World Championship, SSB & CW; QRP ARCI Summer Homebrew Contest; Feld-Hell Monthly Sprint; World Radiosport Team Championship, CW & SSB; Straight Key Weekend Sprint
- 14-15 CWops Mini-CW Test
- 17-19 DMC RTTY Contest; NA RTTY QSO Party; CQ WW VHF Contest; CQC Great Colorado Gold Rush Contest; Run for the Bacon
- 24-25 IOTA Contest; Flight of the Bumblebees

Recover from Field Day with some contests in your air-conditioned shack. For more information see *QST, CQ*, or www.arrl.org 73, Dan KF4AV

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Boy Scouts Revive Four Merit Badges for 100th Anniversary



In keeping with Boy Scouts of America's centennial theme -- *Celebrating the Adventure, Continuing the Journey* -- four retired badges have been brought back for the group's 100th anniversary. The effective date for earning these new merit badges -- Carpentry (1911-1952), Tracking (formerly Stalking, 1911-1952), Pathfinding (1911-1952) and Signaling (formerly Signaler, 1910-1992) -- is April 1, 2010; requirements must be completed no later than December 31, 2010.

The contemporary merit badges closely resemble the original designs of their counterparts, but with a gold border, immediately identifying it as a 2010 historic merit badge. These four historical merit badges may be used toward a Scout's rank advancement.

"The Signaling merit badge is a great way to encourage hams who are already involved in Scouting to mentor this limited-time badge in their Troop and perhaps in other ways, such as camps," said ARRL Rocky Mountain Division Director Brian Milesosky N5ZGT; Milesosky is the chairman of the ARRL's *ad hoc* Committee on Scouting. "Hams -- and especially clubs, that have more resources and volunteers -- who are not involved in Scouting at the present time but want to assist a Troop with earning the Signaling merit badge -- should contact their local BSA Council to inquire about Scoutmasters in their area to contact and offer their assistance." The requirements for the Signaling merit badge are the original requirements as written in 1911. Read more [here](#).
ARRL Letter June 10, 2010



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Speaking of Scouts

The 2010 National Scout Jamboree is a little more than a month away. This year's theme is the celebration of 100 years of scouting in the United States. Ham radio will be an important part of the festivities.

Amateur Radio Newsline's Mark Abramowicz NT3V, is at our East Coast bureau with more:

"For anyone who's ever been or still is a Boy Scout - youth or leader - celebrating an anniversary of this significance is truly a once-in-a-lifetime happening.

And, why not do it with a huge campout or jamboree at a military base called Fort AP Hill, Virginia, just outside of Woodbridge?

Of course, to make it really a special event, you set up an amateur radio station!

The staff of K2BSA -- the call sign of the Boy Scouts of America -- is making final preparations for the event -- which runs from July 26 through Aug. 4.

Ed Dudley WA4ISI is the volunteer coordinator for the K2BSA staff. He says the staff of nearly 50 volunteers is made up of folks from a variety of fields who will be coming from all around the country.

"We have doctors and lawyers," Dudley says. "We have scientists, engineers and we have youth that are Scouts that will be part of the staff."

Among the youth, Andrew Koenig KE5GDB, Amateur Radio Newsline's 2009 Young Ham of the Year.

Your humble correspondent will be part of the K2BSA staff for the third time in my Scouting career. And, I hope to be able to file a story or two for the Amateur Radio Newsline while there.

For now, for the Amateur Radio Newsline, I'm Mark Abramowicz NT3V, in Philadelphia."

More information on this year's Scout Jamboree is on line at www.nsj2010ham.com (NT3V, ARNewsline™). See also cover story in July 2010 *QST*.

--*Amateur Radio Newsline* #1714, June 18, 2010

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Was it just a few weeks ago that close to **20,000 hams** trekked to Ohio for the 2010 Dayton Hamvention® ?
(*HUGE snip!*) *ARRL Letter* June 10, 2010

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Hamfests &c.

July 2010

10 Indpls IN Communications & Technology Expo (40th Indpls Hamfest), sponsored by Indpls
The QFiver, *OhKyIn ARS*, July 2010 page 8

Hamfest Assn at Camp Sertoma, US 52 E & S German Church Rd. 6 AM-3 PM EDT. Talk-in 146.76. Advance \$6 (see website for locations), door \$8, under 12 & active-duty military in uniform free. Vendors, fleas, handicap access, refreshments, seminars, tailgating, free parking. Info: Bob Blake N9FIM, 317=261-6658, <bob9fim@att.net>, www.indyhamfest.com

17 46th Annual NOARS Hamfest at Lorain Co Community College Campus, Spitzer Conference Ctr, 1005 N Abbe Rd, Elyria OH, sponsored by N OH ARS. 8 AM-1 PM. Talk-in: 146.7. \$6 door/gate. Vendors, fleas, handicap access, seminars, tailgating. Info: Darlene Ohman KA8VTS, 216=398-8858, <dohman@roadrunner.com>, www.noars.net

18 22d Annual Van Wert OH Hamfest at Van Wert Co Fairgrounds, Rt 127 S, sponsored by Van Wert ARC. Set-up 6 AM, public 8 AM. Talk-in: 146.85. \$5 door/gate. Vendors, fleas, handicap access, refreshments, tailgating, free parking during Hamfest (\$13 overnight). Info: Stephen Kouts WA8WKF, <techserv@embarqmail.com>, w8fy.org

25 Randolph OH Hamfest at Portage Co Fairgrounds, 4215 Fairgrounds Rd. sponsored by Portage ARC. Talk-in: 145.39. Advance \$5, door \$6. Vendors, fleas, handicap access, refreshments, seminars, VE sessions. Info: Joanne Solak KJ3O, 330=274-8240, <kj3o@arrl.net>, hamfair.com

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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 Hilltop Church of Christ, 5300 Taylor Mill Rd, Taylor Mill KY 41015. Park in back, pls enter thru basement. Pre-registration preferred, walk-ins accepted as space permits. Info: Lyle Hamilton AB8SH, 513=315-4032. Talk-in 147.22

2d Thu each month except March & December: Milford OH, sponsored by Milford ARC at Faith Church, 5910 Price Rd. Register 6 PM. Walk-ins OK. No exam fees at Milford; they use Laurel. Info: Barb Steward KA8AXY, 513=625-8651, <wsteward@fuse.net>

In all cases, tests require 2 IDs (preferably at least one with photo). Bring with you the original, as well as photocopies, of current licence & CSCEs. \$15 is current ARRL/VEC exam fee where applicable; exact change, check or money order appreciated.

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OH Section News for May from Interim Affiliated Club Coordinator Scott Yonally N8SY

Hi Gang,

Tonight I'm sitting on my back deck just looking at the amazing wonders around me. The birds are singing away, and I even hear the gobbling of a group of turkeys in the woods right behind the house.

Isn't spring amazing! It will be summer very soon and the temperatures reflect that summer is not far off.

With that said, summer is the time that hams are usually the busiest, with marathons, bike races and here in Mansfield we have an annual ritual with the Miss Ohio Parade. This is always a big hit with the guys in the club!

8< *Snip re Field Day*

Most of the groups that I have spoken with tell me the one problem that they have is getting operators.

That's actually tragic. This event is not just a dog and pony show for the politicians, it's an actual exercise to learn from. We all can learn something by attending and participating in Field Day.

I again want to report on the Ohio Section website. Our Section Manager Frank KI8GW has been circulating around the state these past months and has asked the many clubs that he's visited how often they use this website. He was astounded to find out that not as many folks actually use the website as was believed. Why? It's a great resource for the latest information on what's happening around the state as well as within the League. Why then isn't it being used? Check it out at: <http://www.arrloho.org>

The QFivez., OhKyIn ARS, July 2010 page 9

Is there something about this site that you don't like and would use more if it were changed? Let me know if there is something that I can do to make it more appealing to you.

I want to revisit a project started from a discussion at the Mansfield Hamfest. This was to create a webpage with local ARES and club net data. Did you know that we now have such a page? We do. It's a map of all 88 counties of Ohio with each county having a hyperlink from the map to a special individual webpage just for that county. It describes the net frequency, times and even PL information. The information for this map comes from YOU. I need your help. I have heard from a few counties with updated information, but we have 88 counties that I should have heard from by now and I haven't. How's about helping out by taking just a little time and sending me an email with your club information? You can list your club meeting times, dates (if they repeat) and so forth. Club contacts are a good one to put there as well. Does your club have a website? Send me a link to it and I can put that there as well.

Now don't forget that we also have a Section Calendar on our website. Just fill out the form and it will get posted. What a great way to advertise your special event or club meeting. The best thing about all of this is that it is FREE!! Absolutely no cost to you.

That's it for this month. Please don't forget to pay your dues to your local club and don't forget to keep your ARRL membership active as well. Club Officers -- make sure that you keep the information about your club up-to-date with the League and the A.C.C. as well!

73 - *Scott N8SY*

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June Technical Cmte meeting ...

... in early-evening of June 8 at 146.67 was cancelled shortly after arrival of committee members due to weather conditions (lightning!). Sounds & transmissions you may hear emanating from .67 indicate that this is still a "work in progress." 73, *Brian K4BRJ* Technical Cmte chair



In ARRL Contest Update, May 26, 2010

The Web site [There, I Fixed It](#) should probably be in the Technical Section, but the potential for amusement was just too good. The real question is, "How Many Of These Could Have Been Taken In Your Shack?" Once browsing, plan on a long stay, punctuated by outbursts of laughter, then self-recognition! (Thanks, Jim Foley)

Probably in ARRL Contest Update, 5-26-2010

←===You're only in trouble if you look at this and wonder, "What kludge?" There is more - lots more - on the [ThereIFixedIt](#) Web site.

WORD TO THE WISE

Heat – it's the enemy of most electronic equipment, accelerating aging and breakdown of materials and devices. To keep your equipment keeping you on the air, keep things cool! So how hot is it? Bill W6WRT says that, "For low cost, it would be hard to beat a cook's meat thermometer." Bill mounted the all-mechanical thermometer on a piece of wood with its probe on or in the equipment for a convenient visual display, no batteries required.

The QFivez., OhKyIn ARS, July 2010 page 10

OPERATING TIP

Clipped Dits – Take a look at the log checking report (LCR) from a major CW contest and look for the mistakes others have made in copying your call sign. If there are lot of first-character or last-character errors, perhaps your transmitter and/or amplifier have a problem turning on or off at the right times.

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If you have trouble putting in long hours during the contest, maybe this new [smart underwear](#) could help you figure out why! (*Text from far end of link:* (Reuters Life! Filed June 9) – A team of U.S. scientists has designed some new men's briefs that may be comfortable, durable and even stylish but, unlike most underpants, may be able to save lives.

Printed on the waistband and in constant contact with the skin is an electronic biosensor, designed to measure blood pressure, heart rate and other vital signs.

The technology, developed by nano-engineering professor Joseph Wang of [University of California San Diego](#) and his team, breaks new ground in the field of intelligent textiles and is part of shift in focus in healthcare from hospital-based treatment to home-based management.

The method is similar to conventional screen-printing although the ink contains carbon electrodes.

The project is being funded by the U.S. military with American troops likely to be the first recipients.

snip >8

3 above from *ARRL Contest Update*, June 23, 2010

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To *ARES E-Letter*, ed by Rick Palm K1CE: More re disaster preparation

In re your "Final" in the last issue, here are a few additional suggestions for disaster preparedness. Add a couple of books to while away the time spent in an evacuation shelter. They may help your mental security and stability.

I'm glad to see you are thinking about your animals in your planning. However, many people don't think to add a well built, airline approved travel crate for their pet(s). Think about it: If those cardboard carriers many pet owners use to transport pets to the Vet's on a good day can fail, why trust your pet's safety to one under the worst of worst case scenarios? And forget about those EZ snap together crates -- if they can go together that easily, when dropped or bumped they can come apart that easily. NEVER trust the pop-rivet attached handle for anything but short trips by hand.

I also suggest (especially for cats) to put their walking harness on early and leave it on. Animals can smell the anxiety chemicals in your sweat and often react accordingly. You might not get another chance. I also strongly suggest a strong 20 foot leash/line be added to your kit and kept or attached to the crate. Your pet will need to exercise and relieve itself, and even the best trained pets can and will take off for any reason. Always keeping your pet on a lead during a disaster will also allow you to yank your pet out of a fight or other dangerous situation like a displaced gator or snake.

Go to your local mountain climbing supply store to purchase enough heavy duty webbing and a couple of carabiners to fashion a secure hoist sling for helo-evac. If the climbing shop doesn't do custom work, you can take the webbing to any shoe shop to get it sewn together. [Readers should get professional advice and work for a harness for helicopter evacuation - ed.]

As for heading to the hospital for the duration, or any evacuation center for that matter, I would also take a light pop-up tent, sleeping bag and blow up mattress. A little personal space and place to sleep will be a premium. It will be hard enough to sleep with all the sights, sounds, and smells a hospital in disaster mode creates. A tent, no matter how small or simple, pitched in a corner somewhere (along with some ear plugs) will provide thatmuch needed separation you might not be able to get otherwise. It's also a commodity you might be able to share with someone in need of comforting.

The QFivez., OhKyIn ARS, July 2010 page 11

-- Jeff Sabatini KI6BCX, San Bernardino County (California) Fire Department Emergency Communications Service

From *ARES E-Ltr* for June 16, 2010

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Radio records: First two-way contact made on 8.97 KHz

What is believed to be the first Amateur Radio two-way contact on 8.97 kHz using truly radiated fields took place on Friday, June 4, 2010 between DJ2LF and DF6NM. The distance was over a 20.2 km path. Both DJ2LF and DF6NM were using small backyard Marconi antennas for transmit and receive. DJ2LF antenna had an estimated effective height of about 5 meters while DF6NM was at about 7 meters. Both had an effective radiated power of about five microwatts using a 100 watt car radio amplifier as a transmitter. A computer and sound car with no preamplifier served each station as a receiver.

Both stations employed a special "micro-QSO" format. This system is designed to exchange the minimum single-bit report and confirmation in only three turnovers, each containing a single dash. Station identification was by frequency alone. (DF6NM) --*Amateur Radio Newslines* #1714, June 18, 2010

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Ham radio in the Web: Free Echolink for your iPhone

Echolink is now available for your iPhone free of charge from Apple's App Store. EchoLink for iPhone is an edition of the EchoLink software that runs on an iPhone or iPod touch. If you own one of these devices and are a validated EchoLink user, you can access the EchoLink system from nearly anywhere where WiFi networking is available. If you have an iPhone, you can also use it to access EchoLink over the cellular data network. You can get this application on line, tinyurl.com/2bzppro. (VHF Reflector)

--*Amateur Radio Newslines* #1714, June 18, 2010

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Radio science: The world's biggest radio telescope

And finally this week, word that the world's biggest radio telescope has been established in The Netherlands. Amateur Radio Newslines Bill Pasternak, WA6ITF, took a look at its very unusual design: Scientists in the Netherlands revealed the largest radio telescope in the world while claiming that it is capable of detecting faint signals from almost as far back as the Big Bang that many believe created the universe.

Called the LOFAR the acronym stands for LOW Frequency Array, its owner is the Netherlands Radio-astronomy Institute which says that its construction is unique. Instead of a traditional large dish the new radio telescope is made up of 25,000 small antennas measuring between 50 centimeters and two meters across.

The main unit is based near the northeastern Dutch town of Assen, but the antennas are spread out across the rest of the Netherlands and also in Germany, Sweden, France and Britain. When you combine all the antennas you get a giant telescope with a diameter of about 1,000 kilometres or about 600 miles.

A unique design for the modern times we live in.

The data gathered by the telescope will be processed by a supercomputer at the University of Groningen and then transmitted to the Netherlands Radio Astronomy Institute. (W0W0I via VHF Reflector)

--*Amateur Radio Newslines* #1714, June 18, 2010

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Ham radio in space: AMSAT Hamvention^R videos posted online

Five videos from the 2010 AMSAT Forum at the Dayton Hamvention^R can now be viewed online. The complete presentations are now available on the AMSAT website at <http://www.amsat.org/>. From the menu on the left side of the home page, select "AMSAT Video News". (AMSAT - NA)

--*Amateur Radio Newslines* #1714, June 18, 2010 *The QFivez, OhKyIn ARS, July 2010 page 12*



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75th Anniversary of America's Oldest Traffic Net

The year 2010 marks an important anniversary in the History of Amateur Radio: The birth of the first public service net.

Before the implementation of a net concept, radiogram traffic and emergency communications activity was conducted on a system of schedules and random contacts. Radiogram traffic moved across the country on "Trunk Line" networks staffed on a daily basis by "iron man" traffic handlers. From these key stations, traffic was routed to its destination via individual schedules, directional "CQ" requests, and similar techniques. The ARRL "Amateur Radio Emergency Corps," "National Traffic System," and similar programs had not yet emerged.

This all changed during the autumn of 1935 when members of the Detroit Amateur Radio Association (DARA) formed the Michigan Net and adopted the net call "QMN." The plan was simple and elegant in concept. Using the relatively new technology of crystal control, radio amateurs from throughout the State of Michigan would gather on a single "spot frequency" to exchange radiogram traffic and coordinate emergency communications response to disasters. A QMN Committee standardized the procedures and created the familiar "QN-Signals" so familiar to generations of traffic handlers. With the creation of QMN, the modern traffic net was born.

This year, QMN will celebrate its Diamond Anniversary with a very special event! A 75th Anniversary Banquet will be held at Owosso, Michigan on Saturday, October 23, 2010. Activities include:

- * A special event station on 7055 KHz and 3563 KHz using the call K8QMN. This special event station will use vintage equipment from the 1930s and '40s. Visitors will have an opportunity to sit down at the key and experience QSOs using 1930s era receivers.
- * A presentation entitled "An Early History of Radio" will be featured along with a talk on the history of QMN.
- * Long-time members will reminisce about their experiences in Amateur Radio.
- * Vintage radio equipment will be on display for all to enjoy.

A working Morse Telegraph Circuit will be available on site for those who would like to see land-line telegraphy and American Morse Code in use.

A special commemorative booklet will be provided to each attendee. This commemorative booklet will include an excellent history of QMN written by the Don Devendorf, W8EGI (SK), along with an introduction covering the early history of Amateur Radio.

QMN members both past and present are invited to attend, as are all radio amateurs with an interest in the history of Amateur Radio and the history of public service communications.

Those wishing to attend this event should request a registration form from James Wades, WB8SIW at the following e-mail: jameswades@gmail.com

You won't want to miss this celebration to be held on October 23, 2010 at the Comstock Inn, Owosso, Michigan.

More Information on the Michigan Net, QMN may be found at: www.michigannet.org
filed by James A Wades WB8SIW on *qrz.com* June 24, 2010

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Emtron DX-5 introduced at Friedrichshafen ham show

Emtron Australia will launch a new range of amplifiers at Friedrichshafen 2010 show, the DX-5 using the 4CX-5000R. What other Amplifier Manufacturer covers this huge range to pick from?

DX2SP, DX-3SP, DX-2V (6m) and the latest DX-5
These amps are compatible with 4CX-1500B and FU-728F.
Best wishes to all from Emtron Australia
VK2HKW, Australian *qrz.com* member
on line at *qrz.com* on June 24, 2010

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What's Coming in July

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|------------|----------|--|
| Thu Jul 1 | | Canada Day  |
| Fri Jul 2 | 8:00 PM | Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc
Conference Rm, 2377 Civic Ctr Dr – pls park in Bd of Educ lot |
| Sat Jul 3 | | Some members work Big 6 booth in St Bernard |
| Sun Jul 4 | | Independence Day 
Red White & Blue Ash, new location, free, Yes & Peter Frampton perform; some of our members work beer booth; location, across street from Blue Ash airport, Reed Hartman & Glendale Milford Rd |
| Tue Jul 6 | 7:30 PM | Club Meeting at St Bernard Recr Hall, 120 E Washington, St Bernard
Program: To be announced |
| Wed Jul 7 | 9:00 PM | Tech Talk on 146.925 rptr, NCS Dale KC8HQS |
| Sat Jul 10 | 10:00 AM | Monthly Oh-Ky-In fox hunt, hounds gather at Mt Storm Park; talk-in to start on 146.67 rptr |
| Tue Jul 13 | 7 PM | Technical Committee meeting if needed, location TBA |
| Wed Jul 14 | 9:00 PM | Tech Talk on 146.925 rptr, NCS Brian K4BRI |
| Fri Jul 16 | 8:00 PM | Queen City Emergency Net, new Red Cross HQ, 2111 Dana Av, Evanston |
| Wed Jul 21 | 9:00 PM | Tech Talk on 146.925 rptr, NCS Dennis KB8ROA |
| Tue Jul 27 | 7:30 PM | Board of Directors meeting, location varies |
| Wed Jul 28 | 9:00 PM | Tech Talk on 146.925 rptr, NCS Brian KC8JFN |
| Tue Aug 3 | 7:30 PM | Club Meeting at St Bernard Recr Hall, 120 E Washington, St Bernard
Program: AMSAT |

Why does brain not function until millisecond **after** you hit submit button??

--Seen on a Caturday post on FARK.com

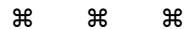
OH-KY-IN 2010 Committee Appointments

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
Tech Talk Net Mgr Bruce Vanselow N8BV
Fundraising Chair Bruce Vanselow N8BV
TVI/RFI Chair Dick Arnett WB4SUV

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 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
Life Members Kenneth E. Wolf N8WYC
John W. Hughes AI4DA

News of members and students in recent classes

None to really report.
It's hoped that Field Day went well.



Late news for members:

We have been asked by the City of St Bernard to assist in their community festival. Help will be needed on Saturday July 3 from 4 PM until 10 PM. Our duties will consist of staffing one of the game booths during the event. A fireworks show follows.

If you can help out for all or part of the evening, please let me know. As I am sure you know, St. Bernard allows us the use of their facility, for meetings & classes, at no charge. Helping out at this event is our way of showing our appreciation. I will be there and hope to see as many of our members as possible.

Give me a call or send me an email if you can help out. My listings are on mast page (front inside cover).

73, Gary KB8MYC



Copy deadline for August issue is Friday, July 16

