



The Spirit of '76 and '88



Newsletter of the Lake Erie Amateur Radio Association

Editor: Joe Prokop KC8RAN

Publisher: Jeannie St. Marie, KC8MNW

This Month's Meeting — Tuesday, September 27, 2005

"Community Anti-Terrorism Awareness"

Dinner: 6:30 PM, Program Begins at 7:30

September Meeting, Tuesday, September 27, 2005, 7:30 pm "Community Anti-Terrorism Awareness" --the C.A.T. Eyes Program For our September 2005 General Meeting, The Lake Erie Amateur Radio Association will be hosting a Community Anti-terrorism Training session, presented by Captain Gary L. James of the Summit County Sheriff's Office. The Community Anti-terrorism Training Institute (C.A.T. Eyes) is a program developed by US military and Law Enforcement Officers to assist local communities to fight against domestic terrorism and racial profiling. The program involves the joint efforts of law enforcement and the community. The program enhances neighborhood

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Hams Respond to Katrina (see pg 7)



Image from NOAA-17 8/29/05 0408Z, processed with Wxtolmg software using the IR image.

August Meeting Recap

HDTV

Presented by Dave Kennet, W8KFJ

The August meeting topic was a very interesting presentation given by Dave, W8KFH. By the time dinner was over and the meeting started, the room was full of club members and guests in anticipation of the talk. And they weren't disappointed.

HDTV began in early '70s' with the advent of digitizing analog picture information. The first to digitize a TV signal was W6MXV. His techniques were unveiled in spring '73 National Association of Broadcasters convention without the fanfare we see today when new whiz-bang technical breakthroughs are introduced. However, this was the start of the video revolution.

Video conferencing began late 70's using this new technology. While results of the video quality weren't that great, it opened the market for new ideas and ways to meet "face-to-face" without traveling across the globe. Digitizing a picture allows compression of the information. JPEG ("Joint Photo Experts

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September, 2005

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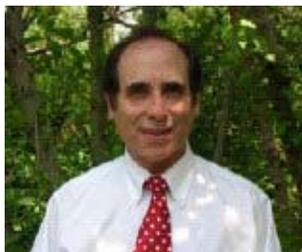
"Sunshine" Don Raith, N8DJG	216-921-7546
Radio Officer Raye Bayun N8NAP	146.76/R
Radio Officer Bryan Torok, N8OOF	146.88/R

The *Spirit of '76 & '88* is published monthly except in December. Contributions must be received by the 1st of the month.

Editor:

Joe Prokop KC8RAN

E-mail: editor@leara.org

de W2THU...

Since I wrote my last column, a Category 5 hurricane named Katrina struck the Gulf Coast of our country causing unthinkable loss of lives and property damage and the flooding of New Orleans. The first thought crossing our minds as amateur radio operators is how can we help? Hams are known for providing communications when the traditional infrastructure fails. Both emergency nets and health & welfare nets were immediately activated on 40 and 80 meters. Yet, due to the unusual circumstances involving the evacuation of over 400,000 people from the stricken area, leaving almost no hams to receive incoming messages and no way to deliver them to the populace, many amateurs were frustrated in their efforts. Initially, the Ohio Single Sideband Net (OSSBN) refused to accept any inbound traffic to the Gulf Coast, but reversed itself after relief efforts were finally under way.

From this tragedy came some good publicity for amateur radio. Our ARRL Ohio Section Manager (SM) Joe Phillips, K8QOE reported in his article in the *Cincinnati Enquirer* that both the *New York Times* and the *Wall Street Journal*, as well as national TV featured the role of our great hobby in this disaster. Locally, the Cuyahoga County Emergency Coordinator (and LEARA member) Mike DiTurno, KC8OWL called up area hams to provide communications for a large group of evacuees who were to be transported from Hopkins Airport to the Convention Center in downtown Cleveland. How many times had we rehearsed such a scenario? It looked like this was really going to happen.

Now is the time to review your role as a federally licensed amateur radio operator. Are you prepared to assist in an emergency? Have you participated in any of the many emergency preparedness drills held in this area? I think that Katrina is a wake up call that major natural disasters do happen in this country, that they can affect our area and that we need to be ready to help at a moment's notice. I recommend that you review the ARRL website (www.arrl.org) for information regarding how to enroll in the Amateur Radio Emergency Communications

LEARA is a not-for-profit organization dedicated to Amateur Radio and to Public Service. Club information packets and applications for membership are available from **Marv Grossman, W8AZO, 440-248-0031**, or may be downloaded from our web site at **www.leara.org**. Annual membership is \$18.00. **LEARA's address** is: LEARA, PO Box 22823, Beachwood, OH 44122-0823.

LEARA is an ARRL-affiliated club. When you join or renew the ARRL, LEARA benefits monetarily if you so through the club. Send ARRL Applications/renewals to Club Treasurer Dave Foran WB8APD, 5439 Nan Linn Dr. Willoughby, OH 44094-4365. Make the check payable to LEARA, not the ARRL.

Membership Meetings are held the last Tuesday of each month except December at Dimitri's Restaurant, 1830 Snow Rd., Parma, OH (in the Mid-Town Shopping Center, just west of Broadview Road). Dinner is served at 6:30 p.m. The regular meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating, but **reservations are required** if you do wish to eat. Call **Marv Grossman, W8AZO at 440-248-0031** to leave a message.

Trustees' Meetings are held on the second Saturday of odd numbered months at 9:00 a.m. at the Parma-Snow Branch of the Cuyahoga County Public Library, 2121 Snow Rd., Parma, OH (opposite the Mid-Town Shopping Center). Meetings are open to all current members of LEARA.

Association News

2005 LEARA Picnic Meeting-Recap

de KC8KSU... Last month, you got the photos; now you get...the rest of the story! Attendance was down, wayyy down at this year's July picnic meeting. We're guessing the torrential rains that came through might have had something to do with this. But those brave souls that ventured forth through wind and rain found save haven inside the sturdy shelter at Brecksville Reservation's Oak Grove picnic area. The food, courtesy of Jeff and Lori Garvas, was excellent as usual. As usual, several folks were on hand to help out with the cooking.

The presentation was given by an excellent tag team of foxhunting experts, including LEARA members Bryan Torok, N8OOF and Mike Cegelski, K8EHP, and from the Cuyahoga Falls Amateur Radio Club (CFARC), Jim Korenz, N8PXW, a masterful foxhunter and a fine speaker, too, as it happens. They all did an excellent job, explaining some basic principles of ARDF, which is basically transmitter hunting on foot, and showing us a variety of equipment which can be used (much of which can be gotten as kits and can be done homebrew projects). There were "fox box" transmitters, various types of attenuators for keeping the signal from swamping your radio and ruining the sensitivity to relative signal strength which is so critical to finding the "fox," tape measure beam antennas (which lend themselves to all kinds of personalization and design variations), and then there was the infamous sniffer which uses the

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C.A.T.S. (Continued from page 1)

security, heightens the community's power of observation, and encourages mutual assistance and concern among neighbors. This meeting, a full one-hour session, is sure to be an eye-opener. Come hear and learn more about what you can do to help protect our corner of this great nation.

Dinner is served at 6:30 PM, with the meeting and program beginning at 7:30 PM. Dinner choices (Chicken Parmigiana, Steak or Broiled Scrod) are \$15 per person, and reservations are required if you wish to eat. Call Marv Grossman at (440) 248-0031 or online at **leara.org**.

HDTV (Continued from page 1)

Group") set the standard for compressing a picture into a smaller, more manageable data stream. In order to do moving images, MPEG ("Motion Picture Experts Group") standards were developed using similar compression methods.

With the race toward HDTV beginning, NHK Japan became the first to broadcast an HDTV signal in the 1980's. The signal occupied an 18 Mhz wide band, which is the bandwidth of 3 standard TV channels. In 1996, the FCC allowed broadcasters an extra channel to broadcast an HDTV signal using the state of the art compression methods. The intent was to terminate standard broadcast by 2006. The FCC has since granted an extra 3 years extension, which means all standard broadcasts should go away by 2009.

Dave then showed us he's "livin' the dream". He gave us look at the impressive array of equipment, including recorders, audio equipment, converters, players, and a wide-screen TV. The beauty of it all was he had all of this stuff controlled by a single remote control. It was emphasized to all that this arrangement had a high WAF (Wife Acceptance Factor), justifying the expense and space.

The presentation was a very interesting look at HDTV. For further information, here are some websites that can shed some light on current happenings with HDTV as well as the most important website when you need to find a code for that remote.

www.avforum.com

www.hdtvprimer.com

www.highdefforum.com

www.remotecentral.com (for remote codes for all de-

Welcome to the Club

LEARA proudly welcomes the following hams who recently joined (or rejoined) LEARA and who have been formally approved by the LEARA Trustees.

New Members

TIMOTHY RUTKOWSKI, KB4FNQ

Tim will be a fine additions to our Association. If you hear Tim on the air, say hello and make him welcome.

Association News

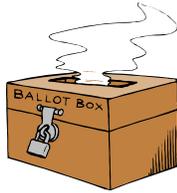
Election in October

Bryan A. Torok, N8OOF

LEARA elections will take place at our Annual Meeting on the last Tuesday of October. All LEARA members in good standing (that is, those whose dues are paid up, with membership ratified by the Trustees) are eligible to vote in this election. If you are in doubt about your eligibility, contact Marv Grossman, W8AZO.

As of Tuesday, August 30, 2005, nominations for the LEARA 2001 election are closed. The following incumbents will be running for re-election:

Eric Jessen, N8AUC
Cliff Bade, W8CJB
John Radney, KC8FOC
Steve Kinosh, KB8UTA



In addition to the above, we have the following fine candidates who were recently nominated:

D. Michael Cegelski, K8EHP
Joe Prokop, KC8RAN

NOTICE TO CANDIDATES: Candidates who have not yet turned in a one or two paragraph (less than 200 words) biography/resume/list of qualifications OR who have not received confirmation of receipt need to contact me at 440-871-5456 or e-mail at b.torok@en.com, BEFORE SEPTEMBER 30, 2005. Any bios received after this date will NOT be included with the election materials.

Ballots will be mailed in late September or during the first half of October. Members should receive their ballot by October 11, 2003. It is the responsibility of any member who does not receive a ballot by this date to request a replacement. Members may vote by mail or by bringing the ballot to the October meeting.

VOTE

Please pay close attention to the instructions for voting included with the ballot. Every year a few ballots are invalidated because members failed to sign the outside of the official ballot return envelope.

October is the month LEARA begins collecting dues for the following year. You **are encouraged** to include your LEARA dues for next year in the envelope with your ballot. The Trustees also encourage members to make written comments and enclose those with the ballots. You get to kill three birds with one stone, and LEARA even supplies the envelope. Such a deal!

de KC8RAN

Sometimes, somehow, each one of us does something that crosses the line between sanity and having Dr. Phil ask you "what in the world were you thinking"! Some of us experience it more than others. In my case it's become an almost daily occurrence, both at home and at work.

With that in mind, I introduce myself as your next humble newsletter editor. I had no experience in writing articles or any other coherent paper for many years until trying to write the Space and Ham Radio series at the beginning of 2005. After reading the first article in the Spirit of 76 and 88, I heard Dr. Phil's voice, again, saying "Are you nuts?!".

But, after I finished the articles, I thought to myself "well, you survived and no one emailed you to say you're an idiot". Maybe I could write a few more. Or maybe a book or 2. Or, worse off, nobody cared. Whatever the reason, I survived the journey into unknown territory and good ol' Dr. Phil has gone away...

In the coming months, I'm going to try to add some operating topics and other features. One such idea is a "roll your own", homebrew column. In today's surface mounted, solid state hardware environment, it probably

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August Door Prize Winners

August Door Prize Winners:

Power Supplies:

W8PJN - George Cox
N8YNR - Jeff Garvas
KC8GHX - Jacob Kinosh

Multimeter: N8DJG - Don Raith
440 Mobile Antenna KB8YKE - Mike Tomechko

2 meter on-glass antenna N8OCE - Robert Running

Dinner K8ZBE - Stephen Umans

50/50 W8PJN - George Cox

Upcoming Public Service

October 1—Walk America

Once again it is time to assist the Cleveland branch of the American Diabetes Assn. with communications for their Walk America. This year it is Sat. Oct. 1st. We will meet at the Tower City Stage area in the flats at approx. 8:00 a.m. and the event should be over by noon at the latest. We will be given a T-shirt, and will be provided with rolls and coffee in the morning and a lunch of pizza and soft drinks after the event. We need about 12 volunteers to pull this off without any hitches. You will need your ht and an extra battery if you have one, and preferably a vehicle with a mobile 2 meter rig/mobile antenna. You won't be doing a lot of driving...just park yourself at an assigned location in the downtown Cleveland area. There will be plenty of security. If you can commit a few hours of your time to this worthy cause, please let me know either by email at wb8n@cars.org or give me a phone call at 440-232-4193.

October 8—The Race For The Cure

On Saturday October 8th the 2005 Susan G. Komen Race For The Cure will take place in Downtown Cleveland to raise money for breast cancer research and treatment. Amateur radio support is a critical component of the event in ensuring the safety of both spectators and participants. Though the event is only 4 – 5 hours in total duration, there will be approximately 30,000 participants, survivors, and supporters in the area of the Rock n Roll Hall of Fame for this event. Those that were able to help out last year will remember the 3 squad calls that took place in the heavily congested Start / Finish line area ranging from seizures to low blood sugar. I would like to encourage everyone to consider volunteering approximately 4 hours of their Saturday on the morning of October 8th to help ensure the safety and welfare of all along the 5K downtown route as well as the vendor area and start / finish line. The benefits of this charity event can go unsaid. If you are interested in volunteering, please contact me by responding to this e-mail or sending me an e-mail at kc8owl@yahoo.com. I will follow up with everyone individually regarding the specifics of the event and their individual

assignments. In the meantime, more event-specific information can be found at <http://www.neohiorace.org/>

October 31— Shaker Heights Pumpkin Patrol

For the 17th year, the Shaker Heights Police Department has requested that local hams provide extra eyes on Halloween night, Monday, October 31, 2005. We use a super secret simplex frequency and drive around in designated areas V-E-R-Y S-L-O-W-L-Y and report problems, questionable situations, traffic jams, etc. to Sgt. Bob, KB8TGX. Bob hands the problems off to the pros who deal with it. WE DO NOT GET INVOLVED! (If you are going to be pedestrian mobile, contact N8IPC for the super secret simplex frequency.) We will meet at the Shaker Heights Police Department, 3355 Lee Road, at 5:30 PM. We should be done by 8:30 PM. If you would like to participate, contact Joe, N8IPC, at 216.991.1951 (evenings), at jswartz@apk.net.

Congrats, Kudos, and Well Done!

Kudos to Darren Turk, K8DMT who deserves special mention for the many ways in which he assisted, from set-up to tear-down with even a little food service in between.

Congrats to KC8RAN for 1st place finish in the 2005 ARRL International DX Contest, Joe placed first in the Ohio section for Single Operator Single Band (15 Meters).

Have you or know of someone who has:

- Achieved an award or a feat worth celebrating?
- Recently upgraded or newly licensed?
- Done something above and beyond the call?

Submit your nomination with the name, call sign and the accomplishment to the editor (kc8ran@leara.org) so we can recognize the achievement.

De W2THU (Continued from page 2)

Courses and how to participate in the Amateur Radio Emergency Service (ARES) for your county.

I usually start this column mentioning the program at last month's meeting. LEARA member Dave Kennett, W8KFJ presented an extraordinary demonstration of high definition television (HDTV). Dave projected beautiful HDTV images onto a large screen while he explained the pros and cons of the several available monitor designs as well as the technical aspects of deriving and transmitting the high definition signal. It was a very enjoyable program. Thank you, Dave.

On Sunday, 25 September the Hamfest Association of Cleveland is sponsoring the Cleveland Hamfest at the Cuyahoga County Fairgrounds. As usual, LEARA will have a display table set up where you can meet your trustees and other club members, as well as review educational and association materials. There will be indoor vendors spread over a couple of buildings and a good sized outdoor flea market. Other area clubs and ARRL representatives will also be on hand. Talk in is on 146.73 MHz. Don't miss this largest hamfest in Cuyahoga County.

Finally, I want to thank Sara Cechner, KC8KSU and Jeannie St. Marie, KC8MNW for editing the July and August newsletters, respectively, while we searched for a permanent editor. Back in July I asked for someone to step up to the plate. Well, as you have read on the first page, our own Grady Sizemore is Joe Prokop, KC8RAN who has heeded the call and is now our permanent, and hopefully, long term editor. Let's keep Joe happy by sending him articles, photographs and other newsworthy items so he can concentrate on editing, rather than writing, this fine journal.

I look forward to seeing you at our monthly meeting at Dimitri's.

73 de Bob Winston W2THU

Let Us Know

Have you recently upgraded or received a vanity call-sign? Did you finally get that last state for your WAS award or finally received your DXCC? Let us know. Please share your amateur radio related awards or special recognitions by sending a note to editor@leara.org

De KC8RAN (Continued from page 4)

would be best to leave the 5-band transceiver type of projects to QEX and other publications. But among our club members there may be some small projects that we all can do. Field Day, for example, is a conglomerate of such ideas, ranging from antennas to power sources and other things that allow operation in the field to be done.

As past editors have done, I ask that anyone who has something to contribute to the club and the amateur radio community in general to please drop me an email. You can also catch me on the net most of the time. I look forward to your inputs, feedback and ideas.

73 de Joe KC8RAN

Foxhunt (Continued from page 3)

relative loudness of an audio tone to help home in on a signal. With the sniffer, even Jeanne, KC8TJH was able to participate in the exercise. That same sniffer was also used by the team which won the mini-ARDF exercise which followed the lecture and demo-- our MVP picnic volunteer, Darren, K8DMT, and his ARDF Elmer, Mike Cegelski, K8EHP. It was quite a challenge because all the transmitters had necessarily been hidden in or near the building due to the bad weather, and because of that, signals were bouncing off the walls, so that folks ended up following signals into dead-ends. One transmitter accidentally got doused when the ice pail behind which it had been hidden, was dumped out toward the end of the evening. After that, it continued to gamely put out a signal, but it just hadn't the heart to I. D., anymore. We hope a good air drying was all that was needed to fix it (sorry Mike!)



ARRL News

Hams Respond to Hurricane Katrina

From the ARRL Letter...

AMATEUR RADIO VOLUNTEERS FILLING COMMUNICATION GAPS IN GULF REGION

Hundreds of Amateur Radio operators from the Gulf Coast and elsewhere in the US continue to volunteer their skills and expertise as the Hurricane Katrina relief effort heads into its third week. ARRL Section Managers (SMs) and Section Emergency Coordinators (SECs) across and around the affected region have been teleconferencing daily to keep their efforts on the same page. In the field, Amateur Radio Emergency Service (ARES) and other volunteers are assisting as needed to support communication for relief agencies as well as for state and local government and even the Federal Emergency Management Agency (FEMA). Louisiana SEC Gary Stratton, K5GLS, says Amateur Radio was the only means for state officials at the state emergency operations center (EOC) in Baton Rouge to communicate earlier this week with the so-called "Florida parishes" above Lake Pontchartrain.

"We have had praise from one end of Louisiana to the other about Amateur Radio operators," Stratton said. "There was a communication to the EOC in Baton Rouge from FEMA that said, 'Ham radio is our prime communications with you, and they should get anything they need,' so FEMA recognizes the importance of ham radio." He also recounted how state officials arriving at the EOC were using ham radio to get through to their hard-hit parishes.

... Stratton said Amateur Radio has even had to loan some government agencies their communication gear because their own didn't function. "It's been an eye-opener to me operating in the EOC down there how terribly their equipment operates," he said.

-- K1CE

From the ARRL Letter...

Editorial: Interoperability a Key Role for Amateur Radio

National Public Radio (NPR) featured a brief interview with a Louisiana state senator yesterday, who made the observation that their biggest problem is communication among the various responding agencies. That comment brought back memories: interoperability among agencies has been a long time, deeply entrenched problem, and is fostered in part by poor coordination and planning, or to put it less politely, "turf protection." It's a manifestation of human nature and organizational behavior, I suppose.

Reader Don Lamont, WD5AAH, commented: "My only problem is that I have watched TV all day on the terrible destruction caused by Katrina and listened to the government complain about communications. Will we spend another billion dollars on communication gear that won't work when they need it or will we call out the amateurs to provide the communications."

So, here we have a new event that presents another perfect opportunity for ARES members: fill the interoperability gap. That opportunity will manifest itself in countless places, with countless agencies in the days and weeks to come, as the Gulf Coast slowly recovers. When the time comes for post-recovery evaluations, ARES may find itself written into more inter-agency communication plans, with more government and agency support. At least that's what we should work for, when we get to that point down the long, hard road to come.

-- K1CE

From the ARRL Letter...

...And now, the prediction: When the curtain is finally drawn on this calamity, you will see Amateur Radio and ARES written -- or re-written -- into a host of more governmental and non-governmental organization plans for the future. Guaranteed. Mark my words on that one. Get your pens ready. - K1CE

Section News: W2THU to Address Section Conference

(From the Ohio Section Manager: Joe Phillips, K8QOE)

(The following event will occur after the newsletter is delivered. We'll get a wrap-up in subsequent issues.)

Proposed cell phone legislation in the Ohio legislature and how it affects ham radio will be explained at the September 17th Ohio Section Conference. Assistant Section Manager Bob Winston, W2THU, of Cleveland, will also discuss antenna laws and our hobby. Bob, an attorney specializing in amateur radio law, will answer all your questions during his presentation.

The 2005 Ohio Section Conference begins 9 a.m. this Saturday at the Ohio EMA headquarters in NW Columbus. The Ohio EMA (Governor's war room) located at 2855 W. Dublin-Granville Road (Ohio 161) in Northwest Columbus. The 2005 Conference agenda also includes (1) how current Ohio cellphone legislation will affect ham radio; (2) the future of BPL and ham radio; (3) report from the Great Lakes Division Director and (4) display of ARES communication vans. Plus other surprises including the audience participation. In addition the agenda also calls for the announcements of The Severson Memorial Award and Ohio Section Newsletter awards.

The Ohio Section Conference is a meeting of Ohio Section field appointments but all Ohio hams are welcomed. It is held each September to review ARRL activity in Ohio. As always, the Conference features the big social event of the year, the Pizza Lunch Party sponsored by the Ohio Section.

From the ARRL Letter....

COMMENT DEADLINES SET IN FCC "MORSE CODE" PROCEEDING

The deadline to submit comments on the FCC Notice of Proposed Rule Making and Order (NPRM&O) in WT Docket 05-235, released July 19, is October 31. Reply comments are due November 14. The NPRM&O, which proposes to do away with the 5 WPM Morse code requirement for all license classes, turned away several other petition requests, including proposals to create a new entry-level license class.

Comment deadlines are established by the NPRM&O's publication in the Federal Register, which occurred August 31.

To file on-line comments on the FCC NPRM&O in WT Docket 05-235 or to view others' comments in the proceeding, visit the FCC Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>> and follow the instructions for filing comments.

Interested parties also may submit comments via the Federal eRulemaking Portal <<http://www.regulations.gov>>. People with disabilities may contact the FCC to request reasonable accommodations (accessible format documents, sign language interpreters, CART, etc) by e-mail <FCC504@fcc.gov> or telephone 202-418-0530 or TTY 202-418-0432.

PHONE: (330) 225-7373	RETAIL STORE HOURS [1]
FAX: (330) 225-4333	MON, WED & FRI: 11AM-7PM
	CLOSED TUES & THURS
ORDERS 877-964-5566	SAT: 10AM-6PM
	SUN: 1PM-4PM
Northern Ohio	www.noard.com
Amateur Radio Depot	
Rick Wells - K8SCI	NOARD Inc
[1] Check phone message machine for any changes in hours	821 Pearl Road
	Brunswick, OH 44212

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The letters are approximately 2 inches tall and the base is 10 inches in length.

Available for \$12.00 each.
\$2.00 from each purchase will be donated to LEARA.
These make an excellent gift.

Contact Jacob Kinosh at: 440-989-8170
or
K8G8HX@hamradio.com

All orders placed by June 19th, 2005 will be available for pickup and hold thru June 27th, 2005.

Hamfest Listing

25 Sep 2005

Cleveland Hamfest and Computer Show

Hamfest Association of Cleveland

Location: Cuyahoga County Fairgrounds

164 Eastland Road

<http://www.hac.org>

Talk-In: 146.73 MHz (110.9 Hz)

Contact: William R. Beckman, N8LXY

4360 Metropolitan Drive

Cleveland, OH 44135

Phone: 800- CLE-FEST

Email: info@hac.org

9 Oct 2005

Medina County Hamfest

Medina 2 Meter Group

Location: Medina County Career Center

1101 West Liberty Street

<http://www.m2mgroup.org/>

Talk-In: 147.03/.63 (PL 141.3)

Contact: Ed Eyerdom, K8NVR

3312 State Road

Medina, OH 44256

Phone: 330-239-1686

Fax: 216-765-0936

Email: k8nvr@arrl.net

30 Oct 2005

Hamfest & Auction

Massillon Amateur Radio Club

Location: Massillon Boys and Girls Club Complex

730 Duncan Street SW

<http://www.marcradio.org>

Contact: Terry Russ, N8ATZ

3420 Briardale Circle NW

Massillon, OH 44646

Phone: 330-837-3091

Email: truss@sssnet.com

Need help with getting your license or upgrading to the next level. Contact LEARA by email to elmer@leara.org or visit the club website at

www.leara.org

"It's Easier Than You Think!"

Volunteer Exam Dates and Locations

<u>Date</u>	<u>Location</u>	<u>Date</u>	<u>Location</u>
9/25	Cleveland Hamfest 2 PM sharp! Berea Library 7 Berea Commons	10/1	Kirtland
10/9	Medina Hamfest 9:00 contact K8FH @ 440-236-3477	10/8	Akron, Summit Co.
		10/16	Elyria

Akron, Pioneer AR Fellowship - 2324 Manchester Rd., Akron, OH, 44314. Pre-registration preferred, check-in 6:30 p.m., test at 7:00 p.m., walk-ins allowed. **Contact:** Ronald D. Lieving, 330-724-5981.

Akron, Summit Co. American Red Cross - 501 W. Market St., Akron, OH, 44303. Testing at 3:00 p.m., walk-ins allowed. **Contact:** Bruce M. Ferry, 330-929-2766, ak8b@arrl.net

Bentleyville - Bentleyville Town Hall, 6253 Chagrin River Rd., (corner of Solon Rd & River Rd) Bentleyville, OH 44022. Testing begins at 9:00 a.m., walk-ins allowed. **Contact:** Raymond C. Dabkowski, 440-729-0110, w8rd@arrl.net

Canton - Stark Co. Sheriff Office/EOC, 4500 Atlantic Blvd. NE, Canton, OH 44705. Test at 9:00 a.m., walk-ins allowed. **Contact:** Gary L. Kline, 330-837-2927, wc8w@sssnet.com, or www.qsl.net/w8np.

Cuyahoga Falls - 2015 3rd St., Cuyahoga Falls, OH 44221. Test at 7:00 p.m., walk-ins allowed. **Contact:** Steven Greathouse, 330-724-2247.

Elyria - American Red Cross, 2929 West River Rd., Elyria, OH, 44035. Testing at 1:00 p.m., park in rear and enter through back door, walk-ins allowed. **Contact:** Charles S. Hall, 216-433-3036, ve@w8hf.com, www.w8hf.com

Independence - Independence Town Hall, 6652 Brecks-ville Rd., Independence OH, 44131. Doors open 9:00 a.m. Pre-registration is appreciated, walk-ins are welcome. **Contact:** Gary S. Dewey, 216-642-9705, gdevey@en.com

Kirtland - Kirtland Library, 9267 Chillicothe Road, Kirtland, Ohio 44094. Testing at 12:00 PM. Walk-ins are welcome. Contact: Scott Farnham 440-256-0320

INSTRUCTIONS FOR TEST CANDIDATES

For VE testing one must bring the original and copies of the current license and CSCE forms (if applicable), identification, and the exam fee. ARRL VEC's exam fees are \$12.00. Check with the contact person in advance for specific testing site requirements and any special test accommodations needed.

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444.40/R+
444.70/R+

- Highland Hills (136.5 Hz tone)
 - Highland Hills (Use 110.9 Hz tone for remote inputs in Lakewood, Newbury & Willoughby)
 - Lakewood (Requires 110.9 Hz tone)
 - Lakewood (141.3 Hz tone)
 - Highland Hills (131.8 Hz tone)
 - Lakewood (131.8 Hz tone)
- (.76, .88, .90 and .70 offer emergency and member-only autopatch lines.)

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