



The Spirit of '76 and '88



Newsletter of the Lake Erie Amateur Radio Association

Editor: Bryan A. Torok, N8OOF
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Publisher: Jeannie St. Marie, KC8MNV

This Month's Meeting

Pirate Radio

Presented by George Zeller

LEARA Annual Meeting and Election

Tuesday, October 29, 2002



For this month's meeting we have a triple header!

First, this month's speaker is George Zeller. As a writer and an editor for various magazines such as Monitoring Times, The Association of Clandestine Radio Enthusiasts, The Passport to World Band Radio and more, George has come to know the world of pirate broad-

casting, clandestine and utility stations and shortwave listening like few others.

George will give a presentation on pirate radio, his work with the FCC in tracking down a pirate station, and other SWL and Utility monitoring items.

(Continued on page 5)

LEARA's October Feature

Ham Radio Applications for your Palm® OS PDA

Gary Mikitin, AF8A

That's quite a bit of alphabet soup in the title. If you can decode any of it, you probably own a Palm brand personal digital assistant (PDA), or one of the many other PDA models which use the Palm operating system. Either way, don't leave your PDA behind at the office – bring it into the ham shack and put it to use! There is plenty of software written by hams specifi-



cally for hams, and many other Palm software packages that support ham radio endeavors. I'll jump right in and briefly describe a few of them.

My personal favorite is *Online*, a terminal emulator that works quite well with packet TNCs, assuming you can buy or build a null-modem cable

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

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de N8AUC . . .

Fall is officially here. Although today, it's so warm you'd really have to convince me of that. But it must be, because the Cleveland Hamfest has come and gone, the Indians are done for the year, and the Browns are playing again. It was good to see many of you at the hamfest. The weather was outstanding (unlike some of the cold, rainy ones we've had in the past), and there was a good assortment of stuff (junk) in the flea market. Some really good deals were there, too. Was it just me or did this year's hamfest seem larger than last year? Maybe we've turned a corner and entered a growth mode again.



River Run was great this year. A bunch of us got up real early on Sunday, September 8. River Run was a half marathon that runs through the Rocky River MetroParks from Wallace Lake in Berea to the Memorial Ball Fields in Rocky River. This year, just to spice things up, they added an inline skating race before the runners started. Man, were those guys flying! The winner of the inline skating event finished the course in about 33 minutes. That's 13.1 miles in 33 minutes on skates! For those of you who helped with the event, I have a surprise for you from Hermes Sports. Look for a report on River Run later in this issue.

You didn't miss last month's club meeting, did you? Aside from the good food, and good company, you missed a really good program on Cuyahoga County ARES/RACES by Joe Molter, N8IDA. Joe is the Cuyahoga County EC, and that places him in charge of those programs in Cuyahoga County. I've heard Joe speak before, but I learned a few things from his talk this year.

By the way, all the great programs we've had this year (and don't miss the next one!) are thanks to our Program Chairman, Bill Chaikin, KA8VIT. A tip of the hat and a pat on the back to Bill, who took on this position after getting elected to the board of trustees last year. He has done a fantastic job of lining up our meeting programs for the year. The next time you see Bill, make sure to thank him for all his hard work. Program Chairman can be a tough job, and Bill has handled it superbly.

It's election time again gang! Ballots are due on or before the October meeting. Please make sure to cast your ballot for the candidates (up to 5) of your choice. This

(Continued on page 6)

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**, via voice mail at **440-942-0154**, 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.

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 PM. The regular meeting begins at 7:30 PM. 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** or leave a message on the LEARA voice mail line at **440-942-0154**.

Trustees' Meetings are held on the second Saturday of odd numbered months at 9:00 AM 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

Editor's Rant

Spam, a Pet Peeve

de Bryan A. Torok, N800F

Most of those reading this column are likely old enough to remember a time when the term SPAM[®] was used primarily to refer to a canned meat product. Today it is used primarily to refer to unsolicited commercial e-mail (UCE).



According to the web site www.spam.com, use of the term "SPAM" to refer to UCE was adopted as a result of the Monty Python skit in which a group of Vikings sang a chorus of "SPAM, SPAM, SPAM..." in an increasing crescendo, drowning out other conversation. Hence, the analogy applied because UCE was drowning out normal discourse on the Internet.

Because it is so easy and inexpensive to send e-mail to thousands of people at once, spam has become an increasingly popular method of advertising and an increasing problem for those who use the internet. Those who rely on e-mail are finding that they are wasting more and more resources dealing with spam.

As an example, I typically receive 50 to 80 e-mails per day, with about 90% being spam. Not only is it time consuming to wade through the junk, but I've accidentally deleted legitimate messages because I didn't recognize the address and assumed it to be spam.

The problem begins when one gets their e-mail address on a "subscriber list". While legitimate organizations will allow you to unsubscribe, many treat an unsubscribe request as a verification of your address and that you looked at the advertisement. They then bombard you with more spam and repeatedly sell your address to others. Some simply maintain dozens of lists and make you unsubscribe from each one, after you've received spam from it.

While there are all sorts of spam blocking software solutions, none are 100% effective and all require some time and effort to configure and maintain. The best solution is keep one's address from getting on the lists and to be very careful who one shares their e-mail address with.

Next month I'll have a few tips on dealing with spam and

Newsletter Wins Award

de Bryan A. Torok, N800F

LEARA's newsletter, *The Spirit of '76 and '88*, took Second Place in the 11th Annual ARRL Ohio Section Newsletter Contest. Scott Yonally, N8SY, Ohio Public Information Coordinator and Newsletter Contest Manager, announced the winners at the Annual Ohio Section conference held September 14 in Columbus, Ohio. Accepting the award on LEARA's behalf was Bob Winston, W2THU, past LEARA president and ARRL Assistant Section Manager for northeast Ohio.

Winning First Place honors was *The Wobbly Oscillator* from the Cuyahoga Amateur Radio Society, Tom Wayne, WB8N, editor. Coming in Third Place was *The Reflector* from the Huber Heights Amateur Radio Club, Joe Brassard, KA8C, editor.

I want to congratulate my fellow winners and tell them to watch their tails. Next year we're going to be first! I also want to thank my fellow editor, Mike DiTurno, KC8OWL. I am certain that without his help we would not have won this award.

September Meeting

ARES and RACES Recap

by Mike DiTurno, KC8OWL

With events in our world such as terrorist attacks, war, and natural and man-made disasters, do you how and where amateur radio fits into the overall response and recovery process? Joe Molter, N8IDA, the local coordinator for the Amateur Radio Emergency Service (ARES) and the Radio Amateur Civil Emergency Service (RACES) provided those in attendance at the September meeting of the Lake Erie Amateur Radio Association with answers to these and many other questions.



Joe Molter, N8IDA

Though ARES and RACES both work to provide communication support services at times of crisis and disaster, there are a few differences between the organizations.

(Continued on page 4)

Association News

September Meeting (cont'd)

(Continued from page 3)

The Amateur Radio Emergency Service (ARES), supported by the Amateur Radio Relay League (ARRL), consists of licensed amateurs who have voluntarily registered their qualifications and equipment for communications duty and public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization, is eligible for membership in the ARES.

Operation in an emergency ARES net is little different from operation in any other net; it requires preparation and training. This includes training in handling of written messages—that is, what is generally known as “traffic handling.” Handling traffic is covered in detail in the ARRL Operating Manual.

The Radio Amateur Civil Emergency Service (RACES) is a public service provided by a reserve (volunteer) communications group within government agencies in times of extraordinary need. During periods of RACES activation, certified unpaid personnel are called upon to perform many tasks for the government agencies they serve. Although the exact nature of each activation will be different, the common thread is communications. The Federal Emergency Management Agency (FEMA) provides planning guidance, technical assistance, and funding for establishing a RACES organization at the state and local government level.

Traditional RACES operations involve emergency message handling on Amateur Radio Service frequencies. These operations typically involve messages between critical locations such as hospitals, emergency services, emergency shelters, and any other locations where communication is needed. These communications are handled in any mode available, with 2 meters FM being the most prevalent. During time of war, when the President exercises his War Emergency Powers, RACES might become the only communications allowed via amateur radio, using specific amateur frequencies set aside for wartime RACES use.

For additional information on these organizations, Joe offered the following two sources:

Internet: www.emcomm.org

Amateur radio: ARES net each Monday at 9:00PM on the 145.290 repeater (110.9, - offset).

LEARA's Elections are this Month

The LEARA Annual Meeting and election will take place at this month's meeting. All LEARA members in good standing are eligible to vote in this election. If you are in doubt about your eligibility, or if you are eligible and have not received a ballot, contact Marv Grossman, W8AZO, at **440-248-0031** or leave a message on the LEARA voice mail line at **440-942-0154**.

The following fine candidates appear on the ballot:

Eric Jessen, N8AUC

Cliff Bade, W8CJB

John Radney Sr., KC8FOC

Sara Cechner, KC8KSU

Steve Bellamy, AA8MX

Mike DiTurno, KC8OWL

John Bush, KG8YZ



Please read the biographies enclosed with the ballot materials and vote for the candidate(s) who you believe will do the best job of running your Association.

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 on the back of the renewal form and enclose those with the ballots. You get to kill three birds with one stone, and we supply the envelope. Such a deal!

Looking Forward

October 29 - Short-wave and Utility Monitoring by George Zeller and Annual Elections.

November 9 — Trustees' Meeting
See page two for details.

November 26 — Holiday Social

Anyone with program ideas or suggestions is urged to contact Bill Chaikin, KA8VIT, at 216-691-1038 or by e-mail at KA8VIT@ix.netcom.com.

Association News

This Month's Meeting (cont'd)

(Continued from page 1)

Second, this is our Annual Meeting and Trustee Election Night. As always, you may bring your ballot to the meeting. However, you are strongly encouraged to return the ballot by mail. While you are at it, enclose a check in the amount of \$18.00 and your membership renewal form.

Third, the meeting falls two days before Halloween. Costumes are encouraged. Let's have a little fun with this. Who knows, maybe we will get to communicate with the spirits of generations past.

The meeting will be at Dimitri's Restaurant in the Mid-Town Shopping Center at Snow and Broadview Rds. and is open to all. Dinner will be served at 6:30 PM and the program will start at 7:30 PM. **If you plan to eat, reservations are required!** Restaurant service is available only for those who purchase dinner. If you are attending the meeting only, kindly purchase beverages at the bar and bring them to your table.

The dinner menu will consist of Steak, Broiled Boston Scrod, or Chicken Parmigiana for \$14.50. Also available is a vegetable and pasta dish for those who prefer a meatless dinner. The dinner includes a salad, main course, dessert, ice tea or coffee, and gratuity (please note, bar service and soft drinks are not included).

RESERVATIONS ARE REQUIRED BY 11:00 AM OF THE MEETING DATE. Please call in your reservation and your menu choice to Marv Grossman, W8AZO, at **440-248-0031** or leave a message on the LEARA information and voice mail line at **440-942-0154**.

PHONE: (330) 225-7373	RETAIL STORE HOURS [1]
FAX: (330) 225-4333	MON, WED & FRI: 11AM-7PM
PAGER: (216) 634-4290	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 11/2000.	821 Pearl Road
	Brunswick, OH 44212

September Door Prize Winners

Free Dinner: **Flossie Collins**



Soldering Iron:

Tom Gimmartino, W8ZIP



X-Acto Knife Set:

Janice Tobin, N8TYV

Tom Foy, N4HAI

Mini Ratchet w/ screw bits & sockets:
Tom Long, N8QXA



Net Control Needed

Even though several hams have stepped forward help, and a rotation arrangement is being set up, LEARA is looking for additional volunteers to assist with the operation of the Association's Thursday night club net (8:00 PM on the 146.760 repeater). With the sharing arrangement no one individual will have to carry the full load.

Because of time constraints and other personal commitments, the current net control operator, Mike DiTurno, KC8OWL, will not be able to continue hosting the net on a regular basis. The net on Thursday, October 24th, 2002 will be the last that Mike will be able to host.

As net control, one will have the opportunity to develop critical traffic handling skills while under pressure from multiple stations. These skills will be of tremendous value for things like public service events, SkyWarn activities, natural or man-made disasters, etc.

Please feel free to contact Mike with questions or to volunteer at 216-898-1891 or kc8owl@yahoo.com

LEARA's October Feature

Ham Radio Applications for your Palm® OS PDA (Continued from page 1)

between your hot-sync cradle and TNC. *Online* allows for various baud rates (50-115,200), terminal emulation modes (VT-100, TTY), handshaking etc. It features 12



'macros' (user defined messages) that allow quick access to commonly used commands (such as C LEARA, BYE, DIR). I use it mainly to monitor the local PacketCluster when I'm not in the mood to have my regular PC booted up.

Next is *PocketSat*, a slick satellite pass prediction program. Simply download TLEs (two line elements, remember KA8VIT's article from the August LEARA newsletter) from on-air bulletins or the Web, load them onto your Palm, and begin calculating the next passes for your favorite low earth orbiting satellites. *PocketSat* easily stores TLEs from as many as 40 satellites, and it presents pass data in tabular or graphical formats. I've used it to track the International Space Station (I haven't heard it on the air just yet, but I have seen its rather bright track across the night sky).

PocketAPRS does wonders for...you guessed it, APRS, the Automated Position Reporting System. One has to be practical, however, and realize that the tiny (usually 160 X 160 pixel) display of the average PDA cannot compare to a full-size monitor or laptop display. However, in a pinch (or in a public service event where it may not be practical to lug around a laptop) *Pocket APRS* gets the job done. Be aware, however, that this software supports a limited number of TNCs and GPS units, so read the documentation carefully before investing a lot of time getting it up and running.

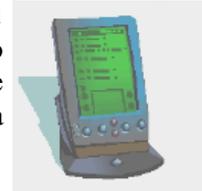


There are a few ham radio-logging programs available, some as freeware, others as shareware. Some work well, most are pretty basic. I personally prefer logging in the built-in *MemoPad* software – it's quick and it's easy to use. It works great when I'm out on QRP expeditions – it saves carrying pen and paper.

One of the general use programs of interest to the ham community is *CityTime*, a sort of world clock/time zone calculator/sun and moon tracking program. It's one of many programs that perform similar functions, but I've found *CityTime* to be the most ham friendly. For instance, I was able to rename all of the 'canned' worldwide city names with their callsign prefixes. If I want to know the local time or the sunrise/sunset times in Germany for instance, I look up 'DL', the most common Ger-

man callsign prefix (when DX'ing, one starts to think in terms of callsigns rather than physical locations). This program also avoids much of the 'fluff' built into similar programs (clothing size conversions – who needs 'em?) that merely take up valuable RAM.

Also consider *Jfile Pro* (or any of the Palm database programs, for that matter). I have loaded the ITU callsign allocations into *Jfile*, so when I hear a strange callsign on the lowbands, I grab my Palm, and within a few seconds, I know what country I'm hearing.



I've touched on just a few of the possibilities. You can find these and many more software packages (some are free, while those that require registration cost between \$15 and \$25 for a lifetime of upgrades) at URLs such as WWW.PalmGearHQ.COM. If you haven't taken the plunge and bought yourself a PDA, what's holding you back? They are available new for as little as \$99, and used for much less. Give it a try – organize your life and get a new toy for your favorite hobby at the same time!

de N8AUC (cont'd)

(Continued from page 2)

is how you get your say in how the club is run. And despite what others might tell you, your vote does count, and it IS important.

On the voting theme, those of you who are ARRL members have another election coming up. We will be electing a new Division Director for the Great Lakes division due to the resignation of George Race, WB8BGY. Gary Johnston, KI4LA, has filled the position on an interim basis, pending the upcoming election. Don't get spooked by the 4 call. Gary's no foreigner! Kentucky is part of the Great Lakes Division along with Ohio and Michigan. In my opinion, Gary has done a good job serving in the interim, and I believe he deserves to be formally elected to the position. So, when you get your ARRL ballot, my endorsement and my recommendation is to vote for Gary Johnston. There is no substitute for the experience gained by working your way up through the ranks, and that is what Gary has done.

Don't forget Shaker's Pumpkin Patrol (contact Joe, N8IPC, for details) and don't miss the October meeting! See you at Dimitri's on the 29th!

Until then...73 de N8AUC

Public Service

River Run 2002

Eric Jessen, N8AUC

LEARA provided communications support for this year's Cleveland Clinic Sports Health River Run on Sunday, September 8. The River Run is a half marathon (13.1 miles) that runs mostly downhill through the Rocky River Reservation of the MetroParks. It started at Wallace Lake in Berea and finished at the Memorial Ball Fields in Rocky River. The weather was beautiful, the event was fast (we were outta there by 11:30) and most spots were shaded (except net control). Highlighting this year's River Run was an inline skate race. A few dozen folks, referred to as "experienced skaters" by the entrance criteria, raced the course on inline skates (roller blades). Those skaters were really moving - the winner completed the 13.1 mile course in just about 33 minutes!!! The first runners finished in about an hour and ten minutes.



The following list of dedicated individuals constituted the crew for this year's event: AF8A, KC8SCH, KA8VIT, KC8OWL, N8XDO, KD8ZK, KC8AWO, KC8BQR, W8OLF, K8WJM, and yours truly, N8AUC. This looks like an annual event so mark it on your calendars for next year, too!

Shaker Heights Pumpkin Patrol

Joe Swartz, N8IPC

The Shaker Heights Police Department is asking for assistance on Halloween evening. It needs the eyes, ears, and communication skills of a few good hams. Every year since 1987 or 1988, we have provided this support by driving or walking around in Shaker observing and reporting any suspicious activity that we see. We do not get directly involved. The pros handle the problems.

Sergeant Bob Doles, KB8CQX, will be the liaison between the hams and the Police Department.



If you would like to participate this year, here are the details. We will meet at the Shaker Heights Police Station at 5:30 PM on Thursday, October 31, 2002. We should be done by 8:15 PM. The station is located at 3355 Lee Road, just north of Van Aken Boulevard. Park in the lot just north of the station. If you plan to participate, contact Joe, N8IPC, via e-mail jswartz@apk.net, phone at 216-991-1951 (evenings), or on 146.76 during drive time.

What's Up?

Old Timers Help Needed

Editor's Note: This article appeared on rec.radio.amateur.equipmaent.

de Jim Nipper, K4PYT

I am trying to help a brand new Ham learn what his uncle's (now a SK) callsign was for the opportunity of acquiring it as a vanity call (if not reissued). The uncle's information is:

Fred W. Blechschmid
5454 E. 96th Street
Garfield Heights, Ohio

Fred worked as a broadcast engineer at station WXEL on the graveyard shift. He was exposed to polio as a youngster and used crutches of his own design to get around.

I know we are talking fifty years ago, but perhaps one of you old timers in the Cleveland area might remember him and his callsign. If you can suggest places the nephew can start digging for information, that will be appreciated also.

Many thanks for any help or tips. I think this would mean a lot to this young man.

73 de Jim K4PYT

Anyone with information may contact Jim at 904-221-6483 or jnipper@fdn.com, or write to him at 1818 The Woods Dr., Jacksonville, FL 32246

End of an Era

Eric Jessen, N8AUC



The 2002 edition of the Radio Shack Catalog, which was first distributed in August 2001, will be the final edition.

That's right - the Radio Shack catalog is no more.

Browsing their inventory can be done on their website, and flyers will still be mailed, but the annual catalog is no more.

This was published in the Massillon Radio Club's newsletter, and verified with a phone call to Radio Shack in Fort Worth.

It's the end of an era, folks!

ARRL News

“Good Amateur Practice” Means Never Having To Say You're Sorry

*The ARRL Letter
October 11, 2002*

FCC Special Counsel Riley Hollingsworth has endorsed a list of several points that he feels help to define the concept of “good amateur practice.” Section 97.101(a) of the Amateur Radio Service rules refers to “good engineering and good amateur practice”—considered to refer to maintaining the highest standards of engineering and on-the-air comportment. But the rule lacks specifics.

“Good amateur practice is a hard thing to define,” Hollingsworth conceded. “I’d have to say it’s operating with the realization that frequencies are shared, that there’s going to be occasional interference and that’s no reason to become hateful and paranoid.”

Hollingsworth says amateurs have to realize that more people than ever are listening in, especially since September 11, 2001, and that amateurs always need to remember that “our rights end where another person’s begin.”

A Michigan Amateur Radio club has been credited with distributing a list of “Riley-isms” culled from Hollingsworth’s various talks at conventions and ham-fests and club meetings around the US. Hollingsworth—who verified that he had been cited accurately—says his various comments represent an effort to flesh out what “good amateur practice” consists of for considerate the Amateur Radio operator. According to Hollingsworth, good amateur practice means:

- ◆ giving a little ground—even if you have a right not to—in order to help preserve Amateur Radio and not cause it to get a bad name or hasten the day when it becomes obsolete.
- ◆ respecting band plans, because they make it possible for every mode to have a chance.
- ◆ being aware that we all love Amateur Radio, and there’s no need to damage or disgrace it just to save face.
- ◆ keeping personal conflicts off the air. Settle your arguments on the telephone, the Internet or in person. Just keep them off the air.

- ◆ cutting a net or a contester a break, even if you don’t have to and even if you have no interest whatsoever in nets or contesting.
- ◆ realizing that every right carries responsibilities, and just because you may have a right to do certain things doesn’t mean it’s right to do them in every circumstance.
- ◆ you don’t “own” or get preference to use any frequency.
- ◆ not operating so that whoever hears you becomes sorry they ever got into (or tuned in on) Amateur Radio in the first place.



Hollingsworth notes that the list “doesn’t touch on a lot of other technical issues, such as using 1500 W when your signal report received is 40 over 9.” Good amateur practice, he said, “just means a lot of things that can’t always be quantified.”--thanks to Riley Hollingsworth

Amateur Radio Glossary on ARRL Web

A glossary <<http://www.arrl.org/qst/glossary.html>> of Amateur Radio and electronics terms and a list of abbreviations <http://www.arrl.org/qst/aguide/Abbrev_AWE.pdf> found in ARRL publications now are available on the ARRL Web site. The glossary covers the range of terms from “Alternating current (ac)” to “Yagi antenna” and “73.” The abbreviations cover the field from “a”—the abbreviation for “atto,” the prefix for 10 to the minus 18th—to the Greek letter Omega, the symbol for ohm(s). Also posted is a list of corrections that will appear as “Feedback” <<http://www.arrl.org/qst/feedback/>> items in QST. The posting of the glossary, abbreviations list and “Feedback” came about as a result of suggestions from members and should prove especially helpful and convenient to newcomers to Amateur Radio.

WIN A DELUXE MICRO-JET

Details at

WWW.SOLDER-IT.COM

Simply send your QSL card for entry in our ongoing QSLs On The Web Contest
Box 20100 Cleveland, OH 44120

2002 Hamfest Listing

To update or add to this list, please contact Mike Diturno, KC8OWL, at 216-898-1891 or kc8owl@yahoo.com

October

27 **Massillon ARC**
 http://www.qsl.net/w8np
 Phone: 330-837-3091
 Email: w8np@qsl.net

November

3 **Woodchuck ARC**
 8 am — 1 pm
 St. John's Lutheran Church
 11333 Granger Rd., Garfield Hts. OH 44125
 www.geocities.com/woodchuckarc/
 Phone: 216-281-5194
 E-mail: n3oyq@msm.com

16-17 **Fort Wayne, IN**

Allen County AR Technical Society
 www.fortwaynehamfest.com
 260-484-1314
 jboyer@aol.com

February

23 **Cuyahoga Falls ARC**
 www.cfarc.org
 330-688-2013
 w8tts@arrl.net

Volunteer Exam Dates and Locations

To update or add to this list, please contact Mike Diturno, KC8OWL, at 216-898-1891 or kc8owl@yahoo.com

<u>Date</u>	<u>Location</u>	<u>Contact</u>	<u>Phone</u>
10/29	Akron Baptist	Ronald Lieving	330-724-5981
11/9	Akron Red Cr	Bruce Ferry	330-929-2766
11/10	Independence	Gary Dewey	216-642-1399
11/17	Elyria	Charles S. Hall	440-327-3832
11/19	Sandusky	David Troike	440-986-2929
11/24	Newton Falls	William Showers	330-872-1929
11/30	Stark Co EOC	Gary Kline	330-837-2927
12/7	Wickliffe	Scott Farnham	440-256-0320
12/10	Akron Red Cr	Steve Greathouse	330-724-2247
12/15	Elyria	Charles S. Hall	440-327-3832
12/17	Sandusky	David Troike	440-986-2929

Elyria - Red Cross Building, 2929 West River Rd., Elyria, OH. Tests are given at 1:00 PM Park in the rear of the building and enter through the back door.

Independence - Independence Town Hall, 6652 Brecks-ville Rd. Doors open at 9:00 AM. Pre-registration is appreciated one week prior to test date, although walk-ins are welcome.

Bentleville - Bentleyville Town Hall. Testing begins at 9:00AM.

Wickliffe - Amateur Electronic Supply (AES), 28940 Euclid Avenue. For reservations by mail, write to Scott Farnham, 10418 Briar Hill Drive, Kirtland OH 44094-9464. Include a 610 form, a copy of current license, and a check for \$10.00 written out to "ARRL/VEC". Walk-ins are welcome. Exams begin at 12:00 PM. Do NOT call the store for information on VE testing.

****HAMFESTS** - Many hamfests provide VE testing.

INSTRUCTIONS FOR TEST CANDIDATES

To qualify for VE testing you must bring the original and copies of your current license and CSCE forms (if applicable), proof of identity, i.e., photo ID, or two other forms of identification, and the examination fee. ARRL VEC's exam fees have increased to \$10.00. Check with the contact person in advance for specific testing site requirements.

All VECs have agreed to adopt the policy requiring CSCE forms to be signed by any applicant receiving CSCE credit. Make sure you sign your CSCE before your copy is removed from the carbon copies that are used for processing your license or upgrade.

Those requiring special consideration, such as Braille exams or special hearing equipment for CW testing, should contact the testing organizers at least two weeks before the test session.

For Sale

Tri-band HT

Kenwood TH-F6. Tri-band Ht (2m, 220MHz and 70 cm). 5 months old. Like new condition with all accessories. AES price \$319 plus tax. Will sell for \$275.00.

Contact: Bob Winston, W2THU, at 216-771-3314 or w2thu@ex100.com



For ~~Sale~~ Free

QST magazines

I have about 60 back issues of QST, free to a good home.

Contact: Joe Curtis, N8ZCB at papajocurt@aol.com

LEARA — The Lake Erie Amateur Radio Association

VOICE REPEATERS:

53.230/R-
146.76/R-
146.88/R-
224.90/R-
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 (May require 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.)

PACKET NODES: CLE1 145.01 MHz: CLE5 145.05 MHz: CLEV220 223.70 MHz

These nodes are part of the Cleveland Net Cluster in K8EIW's backbone system.

GENERAL: NBRY
NBRYX
LEARA

- 145.07 MHz & 223.70 MHz (KA-NODE)
- 145.07 MHz ⇔ 223.70 MHz Gateway
- 145.07 MHz & 223.70 MHz PBBS

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