



The Spirit of '76 and '88



Newsletter of the Lake Erie Amateur Radio Association

Editor: Bryan A. Torok, N8OOF
Associate Editor: Mike DiTurno, KC8OWL

Publisher: Jeannie St. Marie, KC8MNW

This Month's Meeting

Field Day 2002

“Always the fourth full weekend in June”

**Presented by
Eric Jessen, N8AUC and Bill Chaikin, KA8VIT**

If you missed last years Field Day event, don't worry, your chance to get in on all of the Field Day fun is coming again on June 22nd and 23rd!

The Trustees of LEARA have again agreed to sponsor a Field Day station. To get the ball rolling for this event, our speakers this month will be our own club President, Eric Jessen, N8AUC and Trustee Bill Chaikin, KA8VIT. Last year was the first official LEARA sponsored Field Day event and it was a blast! To find out what's in store for this year, be sure to attend the April club meeting at Dimitri's.

Dimitri's Restaurant is located 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.

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**.

April, 2002

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Work the World on a Water Antenna

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Jim MacMillian	WA8ZHN 440-333-2235
Bob Winston	W2THU 216-771-3314

TRUSTEES EMERITUS

Al Amster	W8HYG
Fred Collins	W8ADW
Pat Shreve	W8GRG (SK)
Al Severson	AB8P (SK)

POINTS OF CONTACT

Don Raith "Sunshine"	N8DJG 216-921-7546
Ray Bayun Radio Officer	N8NAP 146.76/R
Bryan Torok Radio Officer	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.

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de N8AUC . . .

It's snowing in April. But it was springtime in February. The one universal truth about Cleveland weather is that if you don't like it, wait a little while - it'll change. Just so it's warm and sunny for Memorial Day and Field Day ... we're due - we really are!

The March meeting was well attended. Gary Garnet from NWS Cleveland came to do our annual Skywarn spotter training. There were about 50 present including 5 or 6 folks from local



public service agencies like the Cleveland Clinic Police Department, the Chagrin Falls Fire Department, and some non-ham spotters joined us as well. Gary did his usual fine job. With all the changes recently at the weather office, the most important job in Skywarn is still being an active, trained spotter, giving accurate reports to a local net. It also requires the smallest commitment of your personal time. Without spotters, none of the rest of it matters. Cuyahoga County Skywarn is our local net, and operates on the 146.76 (-) repeater during periods of potentially severe weather. (Don't know what severe means? Then you either slept through Gary's presentation or you weren't there. Shame on you in either case.) Remember to add a PL tone of 110.9 Hz to make use of all the remote inputs. For more information on

Cuyahoga County Skywarn, contact Bill Lain, W8OLF. They also run an informal training net on 76 every Wednesday night. Highly recommended.

Mike Diturno, KC8OWL is pitching in to help out Bryan, our newsletter editor. This month is Mike's first newsletter as assistant editor. Thanks, Mike for helping out.

Upcoming events - the CVS Marathon is April 28. Lots of help is still needed there, contact Bob W2THU if you can help. May 5 is the GCOM, or Greater Cleveland Ohio Marathon. Contact Tom, KA8BZB if you can help with that one. The Dayton Hamvention is May 17-19. CARS is doing a bus trip again this year. If you've never been to Dayton, you really ought to go. It's quite an experience! You can almost work DXCC at the lunch table. Don't know what DXCC is? You'd better go to Dayton!!! And the Westlake Soccer Tournament is Memorial Day weekend, May 25-27. If you can help with WIST contact either me, or Robin KC8AWO.

The April meeting is all about Field Day - and what LEARA is going to do for Field Day. We'll be at Dimitri's on April 30, so plan on joining us for dinner. Bill KA8VIT and I will be doing the program, and I'm told there will be pictures and a slide show from last year's antics...this could be interesting depending on who took what pictures and when they took them. Come out and see who gets embarrassed (if anybody).

73 de N8AUC

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.apk.net/leara**. Annual membership is \$18.00.

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

Association News

Water Antenna

First QSO Between Two "Ionic Fluid Antennas" [Liquid]

The Live-Wire Group, an Amateur Radio organization in the USA, recorded the first "Liquid Antenna" to "Liquid Antenna" QSO today. Liquid antennas are a new concept developed on The Live-Wire Group and are currently being experimented with by the group's members.

The QSO took place on St. Patrick's Day, Sunday – March 17, 2002, 1719 Zulu on SSB at 18.157.50 MHz. The participating stations were WH2AAT in Orange Park, Florida and N9ZRT in Green Bay, Wisconsin. Both stations were operating on 10-foot tall x 2-inch wide "columns of ionic fluid" [In this case, concentrated saltwater]. Also participating in the QSO was W8ZU in Glen Rock, Pennsylvania who was using a conventional antenna. Two Live-Wire Group members, N7PPF and KJ6AP, witnessed the QSO from their stations in Riverside, California and Vancouver, Washington, respectively. Members of the Live-Wire Group have been experimenting with the Ionic Fluid Antennas [IFAs] for over six months and there have been excellent reports on the antenna's performance. In most cases the liquid antennas are operated in the vertical position. The RF is fed into the base of the antenna through several three-inch long copper probes that are exposed to the conductive liquid.

Live-Wire members continue to experiment with this new antenna concept in various forms including liquid dipoles and "pump-able to resonant length" verticals.

The Live-Wire Group exists those Amateur Radio operators who enjoy experimenting with creative and simple antennas using "Yankee Ingenuity" often in portable-outdoor settings. There is no membership fee. The Live-Wire Group can be accessed via the Internet at <http://www.wireservices.com/livewire.html>.

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PAGER: (216) 634-4290
ORDERS 877-964-5566

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Rick Wells - K8SCI

[1] Check phone message machine for any changes in hours 11/2000.

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March's Skywarn Meeting



Photo by Jim Macmillan, WA8ZHN

This year's Cuyahoga county Skywarn spotter training was presented at the March LEARA club meeting by Gary Garnet, the Warning Coordination Meteorologist for the National Weather Service Forecast Office in Cleveland and the head of the Skywarn program for Northern Ohio.

Mr. Garnet presented an updated training session, featuring more multimedia, video, and sound than ever before. The program ran a full ninety minutes and included a multiple choice quiz with animations. Both during the break and following the training, Mr. Garnett enrolled new volunteer spotters and verified existing spotter records in his database.

Though Mother Nature threw a curve at northeast Ohio that afternoon by dumping an inch of snow an hour for most of the late afternoon and evening, a number of people made it to the meeting for this great presentation. At the end of the presentation Gary announced that he had just received his Technician Class license one week earlier! Congratulations to Gary, **KC8TJI**.

Looking Forward

April 30 — Field Day by Eric, N8AUC and Bill KA8VIT

May 11 — Trustees' Meeting

See page two for details.

May 28 — Home Brew Night II - Details to Follow

June 25 — Open

July 13 — Trustees' Meeting

See page two for details.

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

Copier Repair Person Needed - NOW!

LEARA has recently had the good fortune to be the recipient of a donated large commercial photocopier. This copier is now in South Euclid at the publisher's home and is being used to produce the newsletter.

This copier was working fine before it was moved. Unfortunately something became misaligned in the move and now the collator will not function.

LEARA needs someone who would be willing to donate some time to get the collator fixed and also to provide some instruction on proper maintenance and minor repairs associated with this machine. If a volunteer is not located, LEARA will have to hire a repair person.

Anyone interested in volunteering to help keep the copier working should contact our publisher, Jeannie St. Marie, KC8MNW, at (216) 382-0484.

Welcome to the Club

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

Grant Hedrick, N0XIL
Christine Hedrick, KC8SRE
Anthony Thomas, KC8TJF

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

Proxy Ballots

The Trustees urge **ALL** members who have not done so to please mark your proxy (regarding amending LEARA's Articles of Incorporation for or against, sign and date it, and send it to the Association P.O. Box. **Regardless of how you vote, we need to have your proxy returned.** Ballots will be counted at the May membership meeting on Tuesday, May 28, 2002.

Additional proxies are available from Marv Grossman, W8AZO, by calling 440-942-0031.

Thank you for your cooperation

March Door Prize Winners



Free Dinner: **Susan Lain**



Socket Set: **George Keltner, K8SGM**
Harry from the Chagrin Falls Fire Dept.



Cordless Screwdriver: **Mark Studer,**
KC8FQV



150W Work Light: **Daren Turk, K8DMT**



Rain Gauge: **Justin from Stormnet**
Don Rupanovic, KC8BQR

de the Editor

New Associate Newsletter Editor de KC8OWL

Every once in a while things come along that interfere with the time we would like to be able to spend engaged in our hobbies. Such is the case with our regular newsletter editor, Bryan Torok, N8OOF.

For the next few months or so Bryan will be taking a series of work related courses which will require virtually all of his free time and, as a result, will not be able to dedicate the time necessary to keep the LEARA newsletter in production.

To help make sure the newsletter stays on schedule and

up to date, I have volunteered to step in as Assistant Newsletter Editor and will do my best to live up to the exceptionally high standards that Bryan has set with regard to this newsletter.

Don't worry though, Bryan has assured me that he would like to resume his role as newsletter editor when he again has the time available to dedicate to it. In the mean time, please bear with me as I attempt to fill Bryan's shoes in the Editor department!

Any articles, news, ideas, public service announcements, hamfest information, etc can be sent to kc8owl@yahoo.com.

Mike, de KC8OWL

Public Service

March of Dimes WalkAmerica 2002

Saturday March 27th

Please note that this event is the day before the CVS Marathon. This is a walking event held in Downtown Cleveland to raise money for healthier babies. There will be approximately 7000 people walking the 5 mile route through Downtown Cleveland and the Flats. Communications is required at all rest stops, start/finish and various other critical points along the route. The volunteers are needed from 7:45 AM until approximately 1:00 PM. A total of approximately 16 volunteers are needed.

This is a fun event where the volunteers are very appreciated and treated well. You will give you a t-shirt, lunch, and more importantly, you'll be helping the March of Dimes to save babies.

If you're available to help out PLEASE contact TJ Powell (N8UIR) by email at tjp@tjp.com or at 330-468-1984. We can use all the help we can get.

CVS/pharmacy Cleveland Marathon

Sunday, April 28, 2002

CVS has a new route this year which spends less time in downtown. The new route heads west and goes further out Lake Road into the western suburbs. Contact: Bob Winston, W2THU, at 216-771-3314, or w2thu@arrl.net



Greater Cleveland Marathon

Sunday Morning, May 5, 2002

The second annual Greater Cleveland Marathon will begin at the Detroit-Superior Bridge and finish at the Hard Rock Cafe on Huron Road. The route will visit near Ohio City, Tremont, Playhouse Square, University Circle, Shaker Square, Gordon Park and the Lakefront (to name a few). Full route information is available on their web site at <http://www.greaterclevelandmarathon.com>. We will need about 30 hams to monitor the course. If you can serve as a net control or a liaison with the organizers, you are especially wanted. To volunteer, contact Tom Kimball KA8BZB at one of the following: ka8bzb@arrl.net or 216-371-2832.

Westlake Soccer Tournament

Memorial Day Weekend; May 25, 26, and 27

Saturday, Sunday, and Monday, May 25, 26, and 27 is the Westlake Invitational Soccer Tournament. This is a very large youth soccer tournament that covers all ages from 7-14, both boys and girls. Hams are needed to provide communications from remote field locations to and from tournament HQ, and to provide dispatching information for paramedics assigned to the tournament. Times are flexible to suit your schedule. If interested, contact Eric N8AUC, or Robin KC8AWO at 440-734-3146.

Other Upcoming Events

Medical and Amateur Radio Support will be needed for the following upcoming events:

Multiple Sclerosis Walk Cleveland

Sunday, April 21st

Multiple Sclerosis Walk Cuyahoga Valley

Sunday, April 21st

March of Dimes Walk America

Sunday, April 27th

March of Dimes Motorcycle Ride

Sunday, June 23rd

Multiple Sclerosis Pedal to the Point

Saturday and Sunday, August 17th & 18th

If you have any questions or are interested in volunteering for any of the above events please contact T.J. Powell, N8UIR, at tjp@tjp.com.

American Lung Association of Northeast Ohio Annual Bike Ride

Sunday, June 23, 2002

The ride usually starts about 8AM (hams need to be ready earlier) and is over just after noon. It's a good family function, for riders and non-riders alike, since there is usually entertainment (music, games, demos) at Burke during and after the ride.

Four hams are needed to man their three 'sweep' vehicles (rented vans; personal vehicles have not been used in the past) and a base station at Burke Lakefront Airport. Rest/water stops are usually handled by cell phone

(Continued on page 6)

Other Upcoming Events

(Continued from page 5)

so hams don't have to do it, the base station will have a cell phone. The ride mostly goes west from Burke about 30 miles. It's a relatively small event. Preferred equipment is a two-meter radio that can be powered from the vehicle battery (or have enough batteries to assure several hours of operation) and a magnet mount antenna. To volunteer, contact Marv Grossman, W8AZO, at 440-248-0031

Hams Needed for Great Lakes Search and Rescue

Hams are needed to help in providing communications for the Great Lakes of Ohio Search and Rescue K-9 Team (GLSAR) at monthly training drills and actual searches. For more details please see the article in the January newsletter, check their web site (www.glsar.org) or contact Steven M. Hnatiak, KC8IVD, via e-mail at kc8ivd@juno.com or hampeacemaker@aol.com or telephone at work, Cleveland area, 440-526-3030 ext. 6200 and leave message with VA Police officer, or home, Akron area, 330-733-3324 and leave message on voice mail.

Call for Public Service Information

Your friendly newsletter editor is putting together the 2002 public service listing. If you would like to have your event listed, please send the information ASAP, preferably at least two months prior to the event. Any info you have at this time would be appreciated. However, we will eventually need the name of the event, the date, time, duration, location, number of hams needed, and any special qualifications and/or equipment required. Please send information to kc8owl@yahoo.com

Weekly LEARA Nets

Weekly LEARA Club Net
Thursday Night at 8:00PM
146.760 R (-) 110.9 PL

Weekly LEARA Slow Scan TV Net
Saturday Night at 10:00PM
146.880 R (-) 110.9 PL

All are Welcome !!

Be sure to check in and say Hello

Skywarn Frequencies

Important Skywarn Frequencies in Northern Ohio

Incase you missed Gary Garnets Skywarn presentation at the March LEARA membership meeting but have attended a Skywarn Storm Spotter training session in the past, the following frequencies, phone numbers, and URL's should be kept handy during the upcoming storm season.

Northern Ohio Skywarn District Frequencies:

District 1: 147.375

District 2: 145.230

District 3: 146.940 PL 71.9

District 4: 147.345 PL 110.9

District 5: 147.015 PL 110.9

District 6: 145.130 PL 186.2

6m Backbone: 52.680 For listening only unless specifically authorized !!!

Spotter line: 1-800-262-9683

Skywarn URL's:

www.csuohio.edu/nws

www.nws.noaa.gov/om/nwspub.htm

Weekly Cuyahoga County Skywarn Traffic Net

Wednesdays at 8:00PM on 146.760 (-) PL 110.9.

Celebrity Public Service

Celebrities Provide Public Service

Like most of you who are reading this page I've done my share of public service, and then some, while most people sit on their duffs and let someone else do it. That is why it is particularly gratifying to hear of a celebrity or other public figure setting a good example by getting actively involved in doing public or community service. This is especially so when the service performed is not glamorous and they are not doing it for the publicity.

Such is the case of noted Olympic Skier, Picabo Street. Even though she has won two medals (silver, 1994; and gold 1998) in Olympic Skiing, Picabo (pronounced peek-a-boo) still finds time to volunteer at Summit Medical Center Hospital in her hometown of Park City, Utah. She frequently helps out in the Intensive Care Unit by answering telephones. When doing so, she picks up the phone and says, "Picabo, I.C.U."

Submitted on 1 April, 2002

ARRL News

Amateurs Summon Help after Sailboat Runs Aground

ARRL Bulletin 22, March 27, 2002

Vigilant members of the Maritime Mobile Service Net on 20 meters relayed calls for help from a sailing vessel that ran aground March 26 off the northern coast of Cuba. Aboard the sailing vessel Tao were Dave Beane, G0TAG, and his wife, Sara, whose frantic calls on the Net frequency got a quick response. Unconfirmed reports via Amateur Radio indicate the couple has been rescued and that efforts to salvage the vessel were under consideration.

"She was in a big panic, and then they just stopped transmitting," reported Ed Petzolt, K1LNC. US Virgin Islands ARRL Section Manager John Ellis, NP2B, said that less than an hour earlier, Beane had checked into the MMSN to say the couple had enjoyed a visit to Cuba and was planning to sail around to the south side.

Ellis said the vessel had run aground on a reef. The couple called for help from the Cuban authorities but got no response. Mike Pilgrim, K5MP, notified the US Coast Guard. Petzolt contacted the Swiss Embassy, which put him in touch with the Cuban mission in Washington, which, in turn, contacted authorities in Havana by radio. The US Coast Guard was only able to contact the Cuban authorities via telex.

It's not yet known what agency was able to assist the Beanes or where they are now. Petzolt reports that he received "third-hand" information via the Waterway Net March 27 that the couple had been rescued and was safe.

Ellis said the MMSN had "excellent cooperation and assistance" during the incident from net control Frank Kelly, N3FK, Petzolt, Pilgrim and Dave Dalziel, N4ICE. "There were a number of others on frequency available to help, but all maintained top-notch order and control," he added.

Editors Note: The Maritime Mobile Service Net can be heard daily on 14.300.00 from 12:00PM through 10:00PM.

**Check out the
newsletter in color at:**

www.apk.net/leara/newsletter.html

ARRL Membership Renewals

Marv Grossman, W8AZO

Last summer, the ARRL changed its policy regarding reimbursing clubs for processing ARRL member renewals. After complaining to several League officials, it appears that those complaints fell on deaf ears. The *League* has apparently made up its mind to eliminate such reimbursements, regardless of the unfairness to the affiliated clubs such as LEARA. The policy is not likely to change any time soon.

In view of this, it is unfair to saddle our Treasurer with the burden of processing ARRL renewals without benefit of financial remuneration to LEARA. So, until further notice:

PLEASE SEND ARRL MEMBERSHIP RENEWALS DIRECTLY TO THE ARRL. DO NOT INCLUDE THEM WITH LEARA DUES PAYMENT NOR SEND THEM TO THE LEARA PO BOX.

However, LEARA gets \$15 for every NEW ARRL member that joins. This includes former ARRL members who let their membership lapse for more than two years.

Non-ARRL members: Now is your opportunity to join ARRL while benefiting LEARA. If you wish to join, please funnel your application and payment through LEARA's PO box (with payment made out to LEARA). The *League* may change its policy later, but, as the saying goes, we should "make hay while the sun shines". JOIN ARRL!! Even though at least one of its policies may not be to our liking, it does remarkably well keeping Amateur Radio's presence in Washington and doing other things that benefit Amateur Radio!! If you have questions regarding this, contact Marv Grossman, W8AZO 440-248-0031.

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or 216 - 496 - 2450**

For Sale



One of the benefits of being a LEARA member is the free 'For Sale' adds that can be placed in the newsletter when cleaning out the shack or selling equipment which may no longer be needed. Every once in a while the Trustees will make an exception and allow the items of non-members to be published so the membership can get first-glance at the items for sale. Such is the case with the equipment of Robert Garon, W6CQU, listed below.

Kenwood TS850B HF Transceiver

Kenwood MC 80 Microphone

Kenwood HS-5 earphone sets—Quantity—2

Bose Speaker

Astron VS-35M Metered Variable Supply

Mosley grid dip meter

Mosley standing wave measurement bridge

General Radio RLC Impedance Bridge 1650A

General Radio RF Signal Generator

General Radio Precision Resistance Bridge

General Radio Precision Stepped Resistance Substitute

General Radio Precision Variable Capacitor

Weston Wood Cased Laboratory Meters: Ammeters, Voltmeters and Watt meters

Lots of electronic parts etc.

Please contact

Robert J. Garon

2890 West Park Blvd.

Shaker Heights, OH 44120

216-283-6566 (preferred) day or evening

Alternate phone 216-283-8888

Speedy Delivery

Would you like to be among the first to receive your newsletter? Maybe you are environmentally conscious and would like contribute to saving a tree or two. Or, perhaps you're pragmatic and would like to help the Association save a buck or two, while helping to forestall a dues increase.

Whatever your motivation, LEARA members can now receive the newsletter via e-mail, compressed in Adobe pdf format. The Acrobat reader software is available for **free** on the internet.

If you sign up for this **free** service, you will no longer have to worry about receiving a soggy newsletter in the mail. Also, future electronic newsletters will feature **color** photos and **color** graphics while the print version will remain black and white.

To subscribe via e-mail, send a message to: **spirit76-request@leara.org** Put subscribe in the subject area and your name and callsign in the body. Those who subscribe via e-mail will not receive a paper copy.

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2002 Hamfest Listing

April

- 13 Garfield Hamfest/Computer/Electronics 216-663-3258
St. John Lutheran School, 11333 Granger Rd.
Garfield Heights, OH 44125
Admission \$1, Tables \$10 advance / \$15 day of show
ln4js@visn.net (a small "L") TI: 146.760 (-)
- 28 Athens County ARA 740-592-2106
<http://www.seorf.ohiou.edu/xx150>
mcdanied@ohiou.edu
- 28 Canfield / Twenty Over Nine ARC 330-793-7072
n8lne@arrl.net TI: 147.315 (+)

May

- 17, 18, 19 Dayton Hamvention / Dayton ARA
<http://www.hamvention.org/> 937-276-6930



Fox (hidden transmitter) Hunts

Ashtabula County Amateur Radio Club (ACARC) holds hunts every Sunday at 4:00 PM. For more information, contact Joe, KC8DBT; Bob, WD8PVB; or Dick, KC8FNJ on ACARC repeater, or e-mail Dick (rmadison@suite224.net)

Cuyahoga Falls Amateur Radio (CFARC) holds foxhunts on the first and third Wednesdays of the month at 7:00 PM. The talk-in frequency is 147.27+.

Lake County Amateur Radio Association (LCARA) foxhunts are held on Friday evenings, about once every three or four weeks, starting at 7:00 PM from the Concord Township park. Talk-in is the Painesville repeater 147.21+.

Western Reserve Emergency Communications (WRECS) foxhunts are held monthly on the second Thursday, at 7:00 PM, starting from the area of Rt. 306 and Rt. 422. Talk-in is on the 147.060+ repeater. Further information is available from Bill Takacs, K8VP, at 440-543-4991 or e-mail btakacs@nccw.net.

Information and updates on area foxhunts are also available on the internet by signing up for the neohfoxhunt mailing list at: <http://groups.yahoo.com/subscribe/neohfoxhunt>

Volunteer Exam Dates and Locations

<u>Date</u>	<u>Location</u>	<u>Contact</u>	<u>Phone</u>
4/21	Elyria	Charles S. Hall	(440) 327-3832
5/12	Independence	Gary Dewey	(216) 642-1399
5/19	Elyria	Charles S. Hall	(440) 327-3832
6/1	Wickliffe	Scott Farnham	(440) 256-0320
6/16	Elyria	Charles S. Hall	(440) 327-3832
7/14	Independence	Gary Dewey	(216) 642-1399
7/21	Elyria	Charles S. Hall	(440) 327-3832
8/3	Wickliffe	Scott Farnham	(440) 256-0320
8/18	Elyria	Charles S. Hall	(440) 327-3832
9/8	Independence	Gary Dewey	(216) 642-1399

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 Brecksville Rd. Doors open at 9:00 AM. Pre-registration is appreciated one week prior to test date, although walk-ins are welcome.

Lagrange - Discontinued

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 \$6.65 written out to "ARRL/VEC". Walk-ins are welcome. All other exams begin at 1:00 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. During 2001, ARRL VEC's exam fees will be increasing from \$6.65 to \$10.00. Check with the contact person in advance for the fee and 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.

LEARA

PO Box 22823
Beachwood OH 44122-0823

FIRST CLASS MAIL

FIRST CLASS MAIL

LEARA The Lake Erie Amateur Radio Association

VOICE REPEATERS:

53.230/R-	Highland Hills (136.5 Hz tone)
146.76/R-	Highland Hills (Use 110.9 Hz tone for remote inputs in Lakewood, Newbury & Willoughby)
146.88/R-	Lakewood (May require 110.9 Hz tone)
224.90/R-	Lakewood (141.3 Hz tone)
444.40/R+	Highland Hills (131.8 Hz tone)
444.70/R+	Lakewood (131.8 Hz tone) (.76, .88, .90 and .70 offer emergency and member-only autopatch lines.)

PACKET: Weather traffic is automatically posted on area full service MSYS BBS' (NCBBS, CLEBBS, etc.)
Type "**LW**" to see a listing of weather traffic.

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	145.07 MHz & 223.70 MHz (KA-NODE)
NBRYX	145.07 MHz 223.70 MHz Gateway
LEARA	145.07 MHz & 223.70 MHz PBBS

INTERNET: www.apk.net/leara/
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Northern Ohio



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