



# 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 — Tuesday, March 25, 2003

### Skywarn Spotter Training

Presented by Gary Garnet, NWS

LEARA, in conjunction with the Cleveland office of the National Weather Service, is pleased to host the 2003 Skywarn Spotter Training Session for Cuyahoga County. The training will be presented by Gary Garnet, the warning coordination meteorologist for the NWS Forecast Office in Cleveland and the head of the Skywarn Program for Northern Ohio.



Following the training, Mr. Garnet will be enrolling volunteer Skywarn Spotters and also taking names of those interested in volunteering at the NWS office during severe weather.

The meeting will be held at Dimitri's Restaurant, 1830 Snow Rd., Parma, Ohio (in the Mid-Town

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### LEARA's March Feature

#### Techie Volunteers Needed — Repeaters on the Internet

*Jeff Garvas, N8YNR*

Those of you who have seen the LEARA website recently may have noticed that we are providing live repeater audio on the Internet on a regular basis. Listening requires Windows Media Player, a sound card, and some speakers. When I wrote this, we were successfully streaming 146.76 and 146.88 for well over a month. If you to listen to a regular radio alongside the stream, or if you



key up and identify then listen, you will see there is a 5-10 second delay. This isn't meant to be perfect, it's to make it possible for people to hear our repeaters from non-typical locations. (In an RF cave known as your office? Out of state ex-LEARA members?). Since the stream is 6-8kb mono almost anyone (including dialup users) can typically listen to

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March, 2003

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LEARA Announces  
ELMER PROGRAM!

Read "LEARA Wants  
You..." on page 5.

Amateur Radio vs.  
al-Quaeda?  
on page 7.

**OFFICERS**

<b>Eric Jessen</b> President	<b>N8AUC</b> 440-734-3146
<b>Mike DiTurno</b> Vice President	<b>KC8OWL</b> 216-898-1891
<b>Sara Cechner</b> Vice President	<b>KC8KSU</b> 440-942-8787
<b>Bill Chaikin</b> Secretary	<b>KA8VIT</b> 216-691-1038
<b>Dave Foran</b> Treasurer	<b>WB8APD</b> 440-942-0618
<b>Eric Jessen</b> License Trustee	<b>N8AUC</b> 440-734-3146

**TRUSTEES**

<b>Cliff Bade</b>	<b>W8CJB</b> 440-235-1122
<b>Raye Bayun</b>	<b>N8NAP</b> 146.760/R
<b>Stephen Bellamy</b>	<b>AA8MX</b> 216-932-1970
<b>Jeff Garvas</b>	<b>N8YNR</b> 216-552-4368
<b>Marv Grossman</b>	<b>W8AZO</b> 440-248-0031
<b>Tom Long</b>	<b>N8QXA</b> 440-356-0741
<b>Jim MacMillan</b>	<b>WA8ZHN</b> 440-333-2235
<b>Jim Ozello</b>	<b>N8XDO</b> 216-475-7218
<b>Bryan Torok</b>	<b>N8OOF</b> 440-871-5456
<b>Bob Winston</b>	<b>W2THU</b> 216-771-3314

**TRUSTEES EMERITUS**

<b>Al Amster</b>	<b>W8HYG</b>
<b>Fred Collins</b>	<b>W8ADW</b>
<b>Pat Shreve</b>	<b>W8GRG (SK)</b>
<b>Al Severson</b>	<b>AB8P (SK)</b>

**POINTS OF CONTACT**

<b>Don Raith</b> "Sunshine"	<b>N8DJG</b> 216-921-7546
<b>Ray Bayun</b> Radio Officer	<b>N8NAP</b> 146.76/R
<b>Bryan Torok</b> Radio Officer	<b>N8OOF</b> 146.88/R

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

**Editor:**

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*de N8AUC . . .*

It's March!!! March means springtime....or does it? I got excited the other day because I actually saw bare concrete in my driveway, for what seemed like the first time in months! Then it snowed again to cover it all back up under a couple more inches of white stuff. Oh well. If that darned groundhog hadn't seen his... whatever (sigh!).



No public service events in March. Good thing, too. I think we need more time for this snow to melt. Could you imagine trying to run, much less cover, a marathon in this weather? Yuck! But the Toledo Hamfest is coming up on the 16<sup>th</sup>! That's an indoor event. Nice one, too. Highly recommended. Our first public service event will be the Cleveland Marathon on April 27<sup>th</sup>. CVS bowed out of its sponsorship role this year, and the folks at Rite Aid have taken over that spot. Heck, I remember when it used to be the Revco Marathon. Sometimes I still slip up and call it that.

But alas, Revco is long gone.

I must be getting old or something. Robin reminded me the other day that I have now been a ham for 25 years (in a row). Well, the official anniversary of my original license is in June. Then she started kidding me about when I was going to join QCWA. Let me clarify something, being a member of QCWA is not a matter of age. It is a matter of experience and tenure. Age does not matter. I recall shortly after I earned my Novice license, that a 4-year-old kid had just passed his novice test. (That took the wind out of my sails real quick!) Imagine, if he is still licensed, he could be a member of QCWA at the ripe old age of 29! I don't remember the exact qualifications for QCWA membership, but it involves being a licensed ham for 25 years or more. Or earning your first ticket at least 25 years ago - including lapses if you were a ham a long time ago, let your license drop and then got relicensed. Who knows, I may be visiting a QCWA meeting in the very near future.

Speaking of that darned groundhog, and other weather related things, Skywarn should be starting up again soon. The regular weekly Skywarn training nets have been on hiatus over the winter. If they haven't started up by the time you read this, they will be very soon.

(Continued on page 4)

**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

## The February Meeting Report

by Mike DiTurno, KC8OWL

I would like to thank everyone who had the opportunity to join us at the February meeting of the Lake Erie Amateur Radio Association on Tuesday, February 25<sup>th</sup> at Dimitri's Restaurant. Our guest speaker was Cliff Bade, W8CJB, charter member of LEARA and member of the Ohio Area Repeater Council.



Cliff provided those in attendance with a very thorough and comprehensive review of the current state of affairs with regard to amateur radio repeaters from 10 meters through 1.2 GigaHertz. A brief summary of the information covered is included below:

**10 Meters** – There are currently 5 repeater pairs available for the FM portion of this band. Under the right band conditions, 10 M repeaters can be used to work some good DX.

**6 Meters** – There are a number of new repeaters on this band. Area 2 in Ohio currently has 18 coordinated repeater pairs.

**2 Meters** – The 2 M band can be described as gridlock! The last significant change in the 2 M band was when the W8PRH wide area repeater system was given 145.190 for use in Strongsville, Ohio.

**1.25 Meters** – Unfortunately, the amateur radio spectrum has already lost 2 MHz of bandwidth in the 220 MHz band. Unfortunately, the 220 MHz band is plagued by the fact that there is no commercial equipment readily available for this part of the spectrum therefore amateur equipment is also scarce and rather expensive. The 220 MHz band can, unfortunately, be summarized by the phrase 'use it or lose it'.

**70 cm** – The 70 cm band reached a state of near saturation about 3 years ago and has not significantly changed since. New opportunities for 70 cm repeaters came when the 12.5 KHz spacing was approved for use on systems running less than 200 watts at an average height above terrain of 200 feet or less.

**33cm** – The 900 MHz amateur band appears to be the next up and coming band. Commercial equipment can be easily modified for use in the 900 MHz band. There have been 12 900 MHz repeater pairs coordinated in northeast

Ohio recently. In Medina, check out the W8CJB repeater on 927.6375.

**23 cm** – The only limitation on this band is the availability of equipment in the United States. With wide FM and virtually no harmonics, 1.2G is an ideal band. Keep an ear out for the WR8RA repeater on 1290.0000 MHz on the west side of Cleveland in the near future.

For more information on the Ohio Area Repeater Council, please visit them on the web at [www.oarc.com](http://www.oarc.com).

## February Door Prize Winners

Free Dinner: **Fred Collins, W8ADW**



Multi-Meter:

**Bill Chaikin, KA8VIT**

Talking clock:



**Jim Ozello, N8XDO**

Repeater Directory



**Verden Beckman, KD8UN**  
**Bill Chaikin, KA8VIT**  
**Frank Hvidsos, W8ACQ**  
**Mike DiTurno, KC8OWL**  
**Fred Collins, W8ADW**

50/50 raffle (\$16 cash):

**Jack Andrisin, W8JAK**



## Welcome to the Club

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

### New

**Scott Schreiber, N8VCL**

### Returning

**Sandy Carney, KB8UOC**

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

## Association News

### February Meeting (cont'd)

(Continued from page 1)

Shopping Center, just west of Broadview Road). Dinner will be served at 6:30 PM and the formal meeting will begin 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.

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**.

### de N8AUC

(Continued from page 2)

It won't be too long before severe weather season is upon us. Which is why you won't want to miss the March LEARA meeting. The March meeting is our annual Skywarn Spotter Training session. This is the annual training session for the most important job in Skywarn - that of the active, trained spotter. Gary Garnet from the NWS office in Cleveland will be our guest speaker. Rumor has it that they don't rely on what the Groundhog did out at NWS, and even if they did (I'm sure they wouldn't admit it) Gary isn't bringing one.

This is one of our best attended meetings, and a much larger than normal crowd is expected. If you want a good seat for this presentation, I'd recommend coming out and having dinner with us. As usual, the meeting will be held at Dimitri's. Dinner is \$14.50. For reservations, call the club's voice mail line at 440-942-0154 and let Marv know you'll be joining us for dinner. See you on March 25th!

73 de N8AUC - Eric

### Looking Forward

**March 25** — Skywarn spotter training, presented by Gary Garnet of the NWS.

**April 29** — Linux presented by Dennis of Mirazh Systems.

**May 10** — Trustees' meeting, see info on page 2.

**May 27** — Shiner's Ham Radio Club, presented by Cliff Bade, W8CJB.

**June 24** — See below listing.

**June 28** — **Special Meeting/Picnic**, LEARA Field Day, Saturday, 5:00PM, at Gordon Park. Details to be announced

**Anyone with program ideas or suggestions is urged to contact Mike DiTurno, KC8OWL, at 216-898-1891 or by e-mail to kc8owl@yahoo.com.**



### Last Chance...

If you have not paid your dues for 2000, this will be the last newsletter you receive. Dues must be received and recorded prior to the printing of the April mailing labels in order to receive uninterrupted delivery of the newsletter. **Please check the mailing label on this issue for your dues status, and remit ASAP if you have not paid.**

If there is an error in your dues status, please contact Marv Grossman, W8AZO, at 440-248-0031 or e-mail at MarvG@apk.net to get it straightened out. Those who receive your newsletter via e-mail can contact Marv to verify your dues status.

For those who have already paid, and those planning to do so, we thank you for your continued support.

PHONE: (330) 225-7373  
FAX: (330) 225-4333  
PAGER: (216) 634-4290  
ORDERS 877-964-5566

RETAIL STORE HOURS [1]  
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CLOSED TUES & THURS  
SAT: 10AM-6PM  
SUN: 1PM-4PM

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Amateur Radio Depot**

[www.noard.com](http://www.noard.com)

Rick Wells - K8SCI

NOARD Inc

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

821 Pearl Road  
Brunswick, OH 44212

## Upcoming Public Service

**April 27**—26<sup>th</sup> Annual Rite Aid Cleveland Marathon & 10K (this the one that was the CVS last year) **Contact:** Bob Winston, W2THU, 216-771-3314 **Note:** Anyone interested in coordinating (or assisting in coordinating) this event please contact Bob. This is your chance to get more involved and learn the ropes.



**May 3**— March of Dimes WalkAmerica, see article below.

**May 24-26**—Westlake Invitational Soccer Tournament **Contact:** Eric Jessen, N8AUC, 440-734-3146

**June 28-29**—Field Day at Gordon Park

**July 20**—Triathlon

**August 16-17**—Pedal to the Point **Contact:** Jeff Garvas, N8YNR, 216-552-4368

**September 7**—River Run

## March of Dimes WalkAmerica



*T.J. Powell, N8UIR, tjp@tjp.com*

Communications (ham radio) volunteers are needed for the March of Dimes WalkAmerica.

The March of Dimes will be holding it's annual WalkAmerica on SATURDAY MAY 3<sup>rd</sup>. This is a walking event held at Six Flags in Aurora (Ohio) to raise money for healthier babies. There will be approximately 7,000 people walking the 3-mile route through the park. Communications are 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 get 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. Additional volunteer opportunities are available at <http://www.neopsv.org>

## LEARA Wants You!

*...to Participate in our Elmer Program*

*de KC8KSU*

Throughout the history of amateur radio, many older, more experienced members of the ham radio community have mentored newer members in every facet of the hobby. These mentors have become known as "Elmers." LEARA is currently recruiting a group of "Elmers" to assist those in need.

We are hoping to attract folks with diverse interests to help us help others become acquainted with or become more proficient in the hobby. The idea is to match people by geographic area and particular concern/interest with a nearby Elmer who has the knowledge to help. While it'll be great to have technically oriented folks to help people who, for instance, want assistance setting up their first base station, or CW operators to help amateurs practice for their General, it'll also be good to have folks on board just to help newer hams get comfortable with the Push-To-Talk switch (aka, Push (pause)-Then-Talk switch) and handle their first QSO.

So if helping fellow hams sounds like something you'd be interested in doing, please send the following information to Sara Cechner, our Elmer Program Coordinator (e-mail, [kc8ksu@leara.org](mailto:kc8ksu@leara.org), or leave voicemail at 440-WHAT'S-UP) so she can develop a database of Elmers:

- ◆ Your name and call sign.
- ◆ What kind of expertise/assistance you are prepared to offer, e.g., CW, basic orientation, set-up, antenna tuning, etc.
- ◆ Your current home address
- ◆ Phone number and/or e-mail, and preference of which should be used first for the Coordinator's use in notifying you of requests for assistance.

Newer LEARA members who are interested in using the services of the Elmer program may send e-mail to [elmer@leara.org](mailto:elmer@leara.org) or contact the LEARA hotline 440-942-0154 indicating their need, including similar information to the above. However, be aware that the program is still being developed (the official launch will probably be in April), so there may be a delay in response, and you'll need to be patient.

Check out the newsletter in color at  
**[www.leara.org](http://www.leara.org)**  
Follow the Newsletters link on the  
left side of the page

## LEARA's March Feature

### *Repeaters in the Internet*

*(Continued from page 1)*

the stream without severely impeding their ability to do other things online.

This whole process works due to the help of volunteers. Dave Foran and I have set up streaming software at our houses, dedicated a receiver, sound card, and a fraction of our Internet connectivity to this process. However, we have many more repeaters than .76 and .88, and I need some volunteers. If you have a broadband connection to the Internet (cable, DSL, or something at your office), the ability to receive a LEARA repeater "perfectly", and the desire to help with a really cool project, I need your help. I promise that you will lose no more than 6-8kb of your bandwidth, and it will only occur if someone wants to listen to the repeater you're streaming. Otherwise, the system shuts itself down automatically when not in use or needed. People listening to the repeater you stream do not connect to your equipment; they connect to a central server acting as a "repeater". This is important because it means you will never see more than one connection to your stream.

If you want to help with the streaming project I really need to hear from you. Please send me an email at [jeff@cia.net](mailto:jeff@cia.net) (expect an automated reply and read it). Tell me what kind of connection you have and if you can help. Due to the coming IRLP project (see next column), I will need to find someone to take on the 146.76 audio stream sooner than later. I would like to stream every VHF and UHF LEARA repeater, and then eventually stream the 52.68 repeater for Skywarn fans who get "stuck" at work.

### *IRLP Is Coming*

The LEARA board has approved the purchase of equipment and software for LEARA to experiment with the IRLP (Internet Radio Linking Project). I have most of the equipment to begin this project and I hope to have it up and running next month. Our intentions are to experiment with the west side 444.40 machine for this project.

IRLP is an interesting invention that allows repeaters to be dynamically or statically "linked" anywhere in the world, by using Voice over IP technology and the Internet. An incredibly small stream of bandwidth is necessary, and users can initiate connections by sending DTMF codes to the repeater. All IRLP activity is initiated by a transmitter and a licensed amateur radio operator. Unlike other projects, you cannot "get into" IRLP from the Internet. The Internet serves the sole purpose of linking the repeaters together.

From what I've learned about IRLP I see it as an amazing extension of Amateur Radio. We've lost a lot of younger generation hams (yeah, like myself) to The Internet. I feel this experiment could be literally amazing in times of disaster or emergency. With the push of a few buttons one could theoretically link a Cleveland repeater with numerous repeaters all over Ohio. (IRLP supports conferencing multiple repeaters into incredibly large networks for Nets and special events or chats).

If you'd like to hear IRLP in action or learn more, visit their website at [www.irlp.net](http://www.irlp.net).

Jeff Garvas, N8YNR

## Trustees Hard at Work



The picture at left shows your Trustees hard at work at a recent Trustees' meeting. These 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).

Trustees' meetings are open to all current members of LEARA. In fact, we encourage members to get involved, learn about the running of the club, and make their opinions known.

In the next few months, we will be looking for members who want to be nominated to run for Trustee. Members who might be interested in running for Trustee is especially encouraged to attend.

## Amateur Radio vs. al-Qaeda?

*Marc Flanagan, KC8SIE, KC8SIE@arrl.net*

Recently, I read a WASHINGTON POST article titled "Cyber-Attacks by al-Qaeda Feared." It was published on June 27 of 2002.

The article, written by Washington Post staff writer Barton Gellman, indicated that al-Qaeda members are learning to use the Internet to gain control of digital devices. These devices, called "Distributed Control Systems", are used to control power, telephone systems, air traffic control, pipelines, dispatch systems, etc.

In the article Ronald Dick, director of the FBI National Infrastructure Protection Center, was quoted as saying that he feared a cyber-attack in conjunction with a physical attack.

The article indicated that al-Qaeda operators spent time on Internet sites that offer software and instructions for using digital switches and that interrogated al-Qaeda prisoners described intentions to use such tools.

Unfortunately, we know that a physical attack on American soil is possible. We also know that Amateur Radio operators have, and will, provide necessary communications. We will still operate if al-Qaeda, or anything, interrupts power, phone lines, or the Internet.

But shouldn't we be more proactive? Here are some questions I had:

- Do my Local, County, and State officials know that an emergency communications pool is available? And do they know how to contact us?
- Is the Amateur Radio service part of the Homeland Security contingencies?
- Should the law be changed so that only American citizens can get an Amateur FCC license?
- Have I promoted Amateur Radio in my community in an effort to make the public aware of our capabilities and garner more licensed operators?
- Am I prepared for a disaster?

Amateur Radio operators can and will respond to any disaster, whether natural or terrorism. But we must, as individuals, as clubs, and as a League, continue to make our service known to those who can benefit by it....and continue to prepare for it.

## ARRL News

### Weaver's Words

*Jim Weaver, K8JE, Director, Great Lakes Division*

Fellow amateurs and members of the Great Lakes Division, this is the first of what will be periodic messages to you from your Director. I, first of all, thank the many of you who made it possible for me to hold this important position in ARRL. My goal is to represent the members and the best interests of Amateur Radio throughout my term in this office. I congratulate Vice Director Dick Mondro, W8FQT for remaining Vice Director and look forward to continued cooperation with him as we strive mutually to advance Amateur Radio and ARRL. I also thank former Great Lakes Division Directors Gary Johnston, KI4LA and George Race, WB8BGY, and former Director and ARRL Past President George Wilson, W4OYI for sharing their time and consultation so freely with me. The assistance of Dick and these former leaders in our Division has been extremely helpful to me, a true newbie on the Board.

### General Thoughts

The ARRL Staff members as directed by the Board are working their tails off to improve the position of Amateur Radio through state and national government action, FCC action and International Treaty. The single most major activity on the international front at present is the strong involvement of the Staff to achieve "harmonization"; of the 7 MHz band and removal of short-wave broadcast stations from it. This effort is quite costly, requiring much overseas and US travel for meetings in foreign countries with treaty delegates and representatives of Amateur Radio organizations in foreign countries. ARRL negotiations internal to the US and internationally is augmented by staffing and financial support it gives to the International Amateur Radio Union and its overseas member organizations. In turn, IARU member organizations are working aggressively with government agencies and treaty delegation in their respective countries so Amateur Radio can present a unified position at coming treaty negotiations. Your ARRL dues dollars are very truly hard at work to benefit you.

Another major Staff activity is the ongoing battle to protect our frequencies -- from throughout essentially the entire radio wave spectrum -- from encroachment by commercial and other interests, and from interference caused by devices that do not require specific licenses to operate.

In the case of devices of the latter type, any of these that are authorized to operate in Amateur Radio bands are required to transmit at such low power as not to interfere

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with our operations. Not all of the devices sold by these manufacturers comply with this limit. Many of them are causing interference to repeater and other amateur operations.

Be assured that through your membership dollars, the HQ technical lab folks are constantly on guard against such devices and along with the HQ regulatory folks are working diligently to ensure FCC takes appropriate actions against these devices and their makers.

### *Visits To Club Meetings, Hamfests, Swaps And Conventions*

Your Vice Director and I plan to get around the Division quite a bit so we can visit with as many members as possible. We want to hear your thinking on what you like or don't like, and what you think regarding Amateur Radio, ARRL and how we are doing our jobs on your behalf. The following is the current schedule for our trips. We invite you to meet us and talk with us at these visits. Where we will be is:

- 3/12 Toledo Mobile Radio Assoc (OH) meeting -- Jim
- 3/16 Toledo MRA Hamfest (OH) - Dick/Jim
- 3/21 Lake County ARA (OH) meeting -- Jim
- 3/23 Lake County Hamfest (OH) - Jim
- 4/27 Athens Co. Hamfest (OH) - Jim
- 5/2 Massillon ARC (OH) meeting -- Jim
- 5/16-18 Dayton Hamvention - Dick/Jim
- 7/10 Mahoning Valley ARC (OH) meeting -- Jim
- 9/6-7 Great Lakes Division Convention/Findlay Hamfest -- ARRL President Haynie/Dick/Jim
- 9/28 Cleveland Hamfest - Jim
- 10/5 Medina Hamfest (OH) -- Jim

If your club/fest would like to have Dick or me speak at your event, please let us know. We will try to work this into our schedules. Please make your request as soon as possible.

This is all for now. Thanks for your continued support of Amateur Radio as shown through your support of ARRL. Thanks to you, the League is able to continue working on your behalf and the best interest of Amateur Radio. Make no mistake about it, without ARRL there would be no Amateur Radio. One of the best ways you help protect Amateur Radio is to get new members. To get information and forms you need to do this, contact your local affiliated club, Dick or me. One may disagree with certain actions taken by the Board, but there is no other organization to fight effectively for Amateur Radio.



Incidentally, if you are not aware of it, President Haynie and the Board have made a new video on Amateur Radio available. It is modern, it is hard-hitting and it is perfect to promote Amateur Radio to government and civic organizations, and to non-amateurs. It is perfect to show to amateurs as a tool to bolster their pride in this great avocation of ours. It is free when downloaded from the ARRL web site in mpeg-1 format. It will soon be available at minimal cost in VHS and CD-ROM format. Go to [arrl.org](http://arrl.org) and click on the video site listed in the right hand column. BECAUSE OF COPYRIGHT RESTRICTIONS, THE VIDEO MAY NOT BE BROADCAST; however, it may be shown on closed circuit TV in schools.

Tnx, 73, more later,

Jim Weaver, K8JE  
Director, Great Lakes Division  
[k8je@arrl.org](mailto:k8je@arrl.org)

## March Section News

*Joseph J. Phillips, K8QOE, [k8qoe@arrl.org](mailto:k8qoe@arrl.org)  
ARRL Ohio Section Section Manager*

The March Edition of Ohio Section News is currently b-cated on two Web Sites available to all Ohio ARRL members.

Members can access the current Section News edition on the Ohio Section page at the following address of [www.maser.org](http://www.maser.org) and/or at the Ohio Section site maintained by the ARRL at [www.arrl.org/sections/OH.html](http://www.arrl.org/sections/OH.html)

Scott Yonally, N8SY, Mansfield, Ohio Public Information Coordinator, maintains the two Section web sites for Ohio. Assistant Section Manager John Haungs, W8STX, Cincinnati, compiles and reports the traffic net counts each month.

Section News is also made available to Ohio newsletter editors throughout the state and many newsletters reprint the column for their members.

### Hamfest Listing

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

**March**

**16 Toledo Mobile Radio Association, Maumee, OH.**  
<http://www.tmrahamradio.org/hamfest.htm>  
 Location: Lucas County Recreation Center, 2901 Key Street, Maumee, OH

**23 25<sup>th</sup> Annual Lake County Hamfest, LCARA**  
<http://hamnet.org/lcara>  
 Location: Madison High School, Madison, OH  
 Phone: 440-209-8953 (Leave Message)  
 Email: roxanne@lcara.org

**May**

**16-18 Dayton Hamvention, Dayton ARA**  
<http://www.hamvention.org>  
 Location: Hara Arena, Dayton, OH  
 Phone: (937) 276-6934  
 Email: info@hamvention.org

**August**

**2 HAM "OH" RAMA, Voice of Aladdin ARC**  
<http://www.qsl.net/w8fez>; Contact: James Morton, KB8KPJ, 6070 Northgap Drive, Columbus, OH 43229  
 Phone: 614-846-7790  
 Email: kb8kpj@cs.com

**September**

**6-7 Great Lakes Division Convention, Findlay Radio Club**  
<http://www.findlayradioclub.org>; Contact: Bill Kelsey, N8ET, PO Box 587, Findlay, OH 45839  
 Phone: 419-423-4604

### 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>Date</u>	<u>Location</u>
3/16	Elyria	5/4	Independence
3/23	Lake Co. Hamfest (for contact info see Wickliffe, below)	5/6	Akron, Pioneer AR
		5/10	Akron, Red Cross
		5/18	Elyria
4/2	Cuyahoga Falls	6/7	Wickliffe
4/20	Elyria	6/15	Elyria
4/26	Bentleyville		

**Akron, Pioneer AR Fellowship** - 2324 Manchester Rd., Akron, OH, 44314. Pre-registration preferred, check-in 6:30 PM, test at 7:00 PM, 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 PM, 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 AM, 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 AM, walk-ins allowed. **Contact:** Gary L. Kline, 330-837-2927, wc8w@raex.com

**Cuyahoga Falls** - 2015 3<sup>rd</sup> St., Cuyahoga Falls, OH 44221. Test at 7:00 PM, walk-ins allowed. **Contact:** Steven Greathouse, 330-724-2247.

**Elyria** - American Red Cross, 2929 West River Rd., Elyria, OH, 44035. Testing at 1:00 PM, 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 AM. Pre-registration is appreciated, walk-ins are welcome. **Contact:** Gary S. Dewey, 216-642-9705, gdewey@en.com

**Wickliffe** - Amateur Electronic Supply (AES), 28940 Euclid Avenue, Wickliffe, OH 44092. Testing at 12:00 PM, Walk-ins are welcome. **Contact:** Scott Farnham, 440-256-0320. Do NOT call the store for information on VE testing.

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

#### 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 \$10.00. Check with the contact person in advance for specific testing site requirements and any special test accommodations needed.

### For Sale

"Mail Station" with carrying case and all instruction books Model DET-1, Color: beige, \$30  
 Contact: John Huetter, K8DZR, 216-226-9225 anytime

Radio Shack 2 M HT, 200 mW, runs on AA batteries, \$20

Radio Shack 2 M Mobile with 5/8 wave mag mount antenna, great starter mobile, \$30

Yaesu FT-10 2 M HT, 1W, needs battery, comes with AC charger, \$10

Contact: Marc Flanagan, KC8SIE, 216-521-5394, kc8sie@thecontrols.com





## LEARA $\frac{3}{4}$ 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 (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.)

**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  $\leftrightarrow$  223.70 MHz Gateway
- 145.07 MHz & 223.70 MHz PBBS

### INTERNET:

[www.leara.org](http://www.leara.org)

To subscribe via e-mail, send a message to: [spirit76-request@leara.org](mailto: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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