



The Spirit of '76 and '88



September Newsletter of the Lake Erie Amateur Radio Association 2015

Kimberly A. Miller, KD8YSY, and Ken Kane, KG8DN, Co-Editors



When LEARA meets Tuesday, September 29 **BASIC ELECTRONIC FILTERS** How They Work...Why We Need Them with **Eric Jessen, N8AUC**

You know about coffee filters. They often help to provide everybody on the office staff with sufficient grounds

presentation at 7:30. You may attend the meeting, only, but a **reservation at www.leara.org is necessary** (or phone Marv at **440-248-0031**) if you wish to have dinner.

Two entrées and two sides will be available for you to choose from. Your total cost of \$22.50 includes an entrée and side, as well as unlimited coffee or tea. Sicilian pizza, garden salad with house Italian dressing, garlic ciabatta rolls and gratuity are all included.

See you at the meeting on **Tuesday, September 29th!**

for a good cup o' joe right? (Sorry...)

But what does an electronic filter do? How does it work, and why should we care? When is it time to apply a high pass filter, for example? These questions and others will be addressed during the LEARA dinner meeting on September 29th at Stancato's Restaurant during a new presentation by **Eric Jessen, N8AUC**, LEARA's License Trustee.

Dinner begins near 6:30 pm, followed by Eric's

Coming in October...
Election of Trustees
Tribute to Dave Foran, WB8APD
Annual Meeting of the Corporation
All on Tuesday, October 27

In This Issue:
Biographies of Candidates
for Election to the
LEARA Board of Trustees
See pages 6-7-8.



Getting to Stancato's
7380 State Rd., Parma, Ohio 44134
On State Road just north of Pleasant Valley Road
Take I-71 to Bagley Road east which becomes Pleasant Valley,
or take I-480 to I-77 south, then Pleasant Valley Road west.

OFFICERS and TRUSTEES

| | |
|---------------------------------------|--|
| Gary Zimmet President | WA8TJL 440-446-0402 |
| Bryan Torok Vice President | N80OF 440-871-5456 |
| Jeff Kopcak Vice President | K8JTK k8jtk@arri.net |
| Bob Winston Secretary | W2THU 216-771-3314 |
| Dave Foran Treasurer | WB8APD 440-942-0618 |
| Eric Jessen License Trustee | N8AUC 440-734-3146 |

TRUSTEES

| | |
|--|-------------------------------|
| Mike Cegelski | K8EHP 216-252-6640 |
| Jeff Garvas jeff@cia.net | N8YNR 216-496-3928 |
| Marv Grossman | W8AZO 440-248-0031 |
| Bill Hess | K8SGX 440-286-9779 |
| Ken Kane | KG8DN 440-338-8078 |
| Jim Ozello | N8XDO 216-475-7218 |
| Eddie Stevens | KD8FTS 440-888-9536 |

TRUSTEES EMERITI

| | |
|---------------------|--------------------|
| Al Amster | W8TTY (SK) |
| Don Raith | N8DJG (SK) |
| Fred Collins | W8ADW (SK) |
| John Radney | KC8FOC (SK) |
| Pat Shreve | W8GRG (SK) |
| Al Severson | AB8P (SK) |

POINTS OF CONTACT

| | |
|-------------------------------------|-------------------------------|
| Kelly Manuk "Sunshine" | KC8UIX 216-459-8523 |
| Eric Jessen Radio Officer | N8AUC 440-734-3146 |
| Bryan Torok Radio Officer | N80OF 440-871-5456 |

NEWSLETTER

The *Spirit of '76 & '88* is published monthly except in December. Contributions must be received by the 2nd Sunday of the month except on months with 5 Sundays and 5 Tuesdays when the 3rd Sunday will be sufficient.

Editor: Ken Kane, KG8DN

E-mail: editor@leara.org

Proofreading: TNX to
W8AZO, N8YNR, & KD8YSY

Fall is here again, and as I write this, we are getting the chilly-wet October type weather. Did you have some plans for antenna work this summer? How are you doing with that? I too have some antenna work to get accomplished.

Public service events are beginning to wind down, both college and professional football seasons are underway, and once again we may be only days away from the possibility of **snow flurries**--sorry to bring that up. However, we will see more good weather yet. But, time is slipping away as this current chilly weather reminds us.

If you spend any time listening on the **HF bands**, you may have observed that conditions on the HF bands are changing too! The frequency of good **DX is slipping away**, and it is very noticeable. I do spot check a few HF bands and six meters during the evenings and weekends, it is a long standing habit! My checks usually include 40 and 20 meters during the evenings. I listen for the quantity of stations that I can easily hear, the noise levels and region where the signals are coming from. During the weekends, I also include 6, 10 and 15 meters. If I do not hear much within a few minutes, I go on with other things. I have not heard a signal on 10 or 15 meters during my checks in many weeks. I did hear a strong station on 6 meters this morning (the September VHF contest is underway this weekend). By comparison, a month or two ago, it was not uncommon to hear strong signals most evenings during the 7 PM to 9 PM time slot each evening on 20 meters centered on the Mediterranean area and into the Middle East and Asiatic Russia as the propagation would stretch out prior to the band closing, with a few Europeans also on 40 meters, and they were workable with simple antennas and 100 watts.

Don't despair, we still have a lot to look forward to before the cold stuff comes.

The August LEARA meeting featured Jeff Kopcak, K8JTK's program "An Introduction to Raspberry Pi, Credit Card Size Computer", discussing up-

(Continued on page 3)

The Lake Erie Amateur Radio Assn., Inc., **LEARA**, is a not-for-profit [501(c)(3)] organization dedicated to Amateur Radio and Public Service. Club information packets and applications for membership are available from **Marv Grossman, W8AZO, 440-248-0031**, or may be downloaded from our web site at www.leara.org. Annual membership is \$25.00. **LEARA's address** is: LEARA, P.O. Box 22823, Beachwood, OH 44122-0823.

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

Membership Meetings are held the last Tuesday of each month (except December and June) at a Cleveland-area restaurant to be announced each month in the newsletter. The LEARA newsletter usually arrives near the middle of the month. Dinner is served at 6:30 p.m. The meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating, but **reservations are typically required** if you do wish to eat. Call **Marv Grossman, W8AZO at 440-248-0031** to leave a message.

Trustees' Meetings are on the second Saturday of odd numbered months. Meetings are open to all current members of LEARA. **Locations are subject to change**. In the next few coming months, meetings are planned at the Maple Heights branch of the Cuyahoga County Public Library, 5225 Library Lane. Contact a trustee or check the website at www.leara.org for details.

The Prez Says



(Continued from page 2)

dates, practical projects, and ideas.

**Prez
cont.**

Jeff Kopcak, K8JTK, a LEARA Trustee, was also recently honored by the American Radio Relay League, being **appointed as a "Technical Coordinator"** here in the ARRL Ohio Section-
Congratulations Jeff!

Our next meeting program will be presented by **Eric Jessen, N8AUC**: "Basic Electronic Filters."

Gary, WA8TJL

Congratulations!
Jeff Kopcak, K8JTK
has been appointed
as the
**New ARRL Ohio Section
Technical Coordinator**

Scott Yonally, N8SY, Ohio Section Manager,
recently announced the appointment of
Jeff Kopcak, K8JTK
as the new Ohio Section Technical Coordinator!
Jeff's appointment is noted in the
Section Leadership of the Ohio section here:
<http://arri-ohio.org/sm/sec-info.html>
Jeff's responsibilities are described here:
<http://www.arri.org/technical-coordinator>

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|-----|--|--|---|----------------|--|
| September | | 15 ARES@: 7pm OHHF 8pm Cuya. '41 8pm OHDN | 16 8:30pm Skywarn '88 Practice Net Then 146.475/S | 17 8pm LEARA VOICE '76 9pm LEARA DIGITAL '88 | 18 | 19 Ride for Miles Event John Carroll Registration |
| 20 ARES@ Cuyahoga 2pm Maple Hts. CCPL | 21 | 22 ARES@: 7pm OHHF 8pm OHDEN | 23 8:30pm Skywarn '88 Practice Net Then 146.475/S | 24 8pm LEARA VOICE '76 9pm LEARA DIGITAL '88 | 25 | 26 |
| 27 Cleveland Hamfest in Berea Information | 28 | 29 ARES@: 7pm OHHF 8pm OHDEN LEARA Meets at Stancato's | 30 8:30pm Skywarn '88 Practice Net Then 146.475/S | 1 8pm LEARA VOICE '76 9pm LEARA DIGITAL '88 | October | |
| 4 | 5 | 6 ARES@: 7pm OHHF 8pm Cuya. '41 8pm OHDN | 7 | 8 8pm LEARA VOICE '76 9pm LEARA DIGITAL '88 | 9 | 10 |
| 11 | 12 | 13 ARES@: 7pm OHHF 8pm OHDEN | 14 7:00pm Dist 10ARES@ 147.015 | 15 8pm LEARA VOICE '76 9pm LEARA DIGITAL '88 | 16 | 17 |
| 18 | 19 | 20 ARES@: 7pm OHHF 8pm Cuya. '41 8pm OHDN | 21 | 22 8pm LEARA VOICE '76 9pm LEARA DIGITAL '88 | 23 | 24 |
| 25 | 26 | 27 ARES@: 7pm OHHF 8pm OHDEN Annual meeting at Stancato's | 28 | 29 8pm LEARA VOICE '76 9pm LEARA DIGITAL '88 | 30 | 31 |



**Credit-Card-Sized Computers
by Jeff Kopcak, K8JTK
Tuesday, August 25, 2015
Stancato's Restaurant**



LEARA "On The Air"

Club Net Information

by Bill Schultz, AC8CO, and Carl Gedeon, KB8VXE



The Thursday Club Net is held on our 146.760 (or 146.880) MHz (- 600 kHz offset, PL 110.9) repeater.

For the month of August, 30 people checked in to the Net. Thank you ALL!

| | | | | | |
|-------|-------|--------|---------|-------|--------|
| AABHI | Jim | KB8VXE | Carl | N8LED | Leon |
| AC8CO | Bill | KC8FQV | Mark | N80DF | Brian |
| AC8RV | Brian | KC8TJH | Jeanne | N80RC | Bob |
| AC8TD | Bryan | KD8ACO | David | N8UPZ | Bill |
| AD8WS | David | KD8GYS | FRED | N8UUC | Dave |
| K8EHP | Mike | KD8TWG | Dave | W8GTS | Gary |
| K8JTK | Jeff | KD8WYL | Anthony | W8IE | Ed |
| K8MD | Bob | KD8YDG | Bill | W8STU | STU |
| K8SAS | Steve | KD8YSY | Kim | W8TAB | Tom |
| K8SHB | Joel | KE8BMY | Megan | W8UYM | Norm |
| K8WDS | BILL | KG8DN | Ken | W8LIV | Andrew |
| K8EOD | Keith | KK8ZZ | Bob | W8TJL | Gary |

Remember if you missed a net, check out the web page for a recap of the trivia and discussion questions.

For September and October, the tentatively scheduled NCOs are:

| | | |
|----------|--------|--------|
| 09/17/15 | Jeanne | KC8TJH |
| 09/24/15 | David | KD8TWG |
| 10/01/15 | Carl | KB8VXE |
| 10/08/15 | Jeanne | KC8TJH |
| 10/15/15 | Eric | N8AUC |
| 10/22/15 | Ken | KG8DN |
| 10/29/15 | Jeff | K8JTK |
| 11/05/15 | Eric | N8AUC |
| 11/12/15 | David | KD8ACO |

The Digital Communications Net is held every Thursday on LEARA's 146.880 (-600 kHz offset, PL 110.9) repeater.

The Wednesday Skywarn Practice Net

Skywarn season runs from March through September. The Skywarn practice nets are on Wednesdays at 8:30 PM on LEARA's 146.88 repeater. If you would like to give us a hand please contact us at info@ccskywarn.org. Be sure to visit the web page at www.ccskywarn.org.

The LEARA Net operations committee is composed of the Net Control Operators (NCOs). Bill, AC8CO, and Carl, KB8VXE, are the present committee co-chairs:

Thursday Net NCOs

| | | | |
|--------|--------|--------|-------|
| AC8CO | BILL | KD8TWG | DAVID |
| K8JTK | JEFF | KG8DN | KEN |
| KB8VXE | CARL | N8AUC | ERIC |
| KC8TJH | JEANNE | W2THU | BOB |
| KD8ACO | DAVID | | |

We can always use more LEARA Members to become Net Control Operators (NCOs). It's not that difficult to do. It's a GREAT way to learn the voices and call signs of the members of the club as well as the visitors of the ham community. Why not give the NCO slot a try? It's an easy to learn job that is very important in emergencies (see also the Skywarn Net). Your help is really needed!

So, if you are a LEARA member, please consider joining us as an NCO. We meet every Thursday, we learn to lead and test our radio skills, and we all want to help you be the best! Contact Bill (ac8co@arrl.net) or Carl (kb8vxe@arrl.net) via email to join us and get started.

We look forward to your participation!

Next ARES Sunday meetings are September 16 and October 25 at the Maple Heights Library. For more information go to www.ohioares10.org/cuyahoga.

Bill, AC8CO, and Carl, KB8VXE

BOARD CANDIDATES

FOR ELECTION IN OCTOBER

These are the biographies submitted by the five candidates for October election.



Dave Andrzejewski KD8TWG

I have been a licensed ham since 2013 and I currently hold a general class license. My day job is working for one of the world's largest software companies as a software engineer, which I enjoy very much. I got involved in amateur radio primarily for Skywarn, but I have found a number of other interests in the hobby since then. I joined LEARA shortly after I was licensed. I am running for trustee because I feel that I can contribute to the club in a number of ways.

As I said, I have found a number of other interests in the hobby: Public service, tinkering with electronics (with which I am still, admittedly, a novice), digital voice and data modes, and ARES, to name a few. I am an assistant emergency coordinator for ARES in Geauga County and help organize the county's ARES events. I've also been able to contribute back to the ham radio community locally by providing and maintaining information technology resources like web sites and mailing lists for various organizations. I try to Elmer new hams as best I can, although my experience is limited. I am also a volunteer examiner.

Those of you who know me know that I speak my mind, so I'll take the opportunity to do that here: LEARA is well-known to be one of the best clubs in the area, but there is always room for improvement. I believe I can be an asset to the board of trustees by advising on technical issues and on public service. One of my primary goals in the short term is to help organize the effort to repair the club's ailing repeater, which has been ongoing for more than a year. Long-term, I also intend to help ensure the repeaters are maintained in a timely fashion going forward, and to ensure that there is greater transparency with the membership regarding repeater maintenance.

I would also like to help LEARA do everything it can as a club to advance the radio art by keeping up with technology - for example, I fully support and

will do everything I can to help the club's effort to install a Yaesu System Fusion repeater. That's not to say that there is no place for 25KHz-wide analog FM - quite the contrary - it's the most compatible and reliable mode available for VHF and UHF. But in 2015, the club ought to be thinking about the various advancements in technology that have been made recently, and I will do what I can to keep the board abreast of these advancements.

It is for these reasons that I ask for your vote for trustee.

73, Dave, KD8TWG



Doug Braun KB8TGT

I first became a licensed ham in 1994, inspired by my partner N8VTA. I currently hold a General class license.

Amateur radio has been a way for me to increase my knowledge. As a full time social worker I help people deal with their thoughts and feelings. I've done this for 25 years. Amateur radio is on the opposite end of the spectrum - giving me the chance to expand my technical side.

Different people have different reasons for getting involved with amateur radio. I enjoy providing service to the community by volunteering for different events. I also enjoy the challenge of learning. Two years ago I decided that I wanted to develop my skills and contribute more to the ham community. I joined the Cuyahoga County ARES. This has provided good challenges for me. I am also a member of Skywarn.

I bring a unique perspective since my background is social services, not technology. I see opportunities to use Field Day in different ways to increase public awareness. I am motivated to join the LEARA Board out of a sense of service. I know that LEARA Board members do a lot of work to keep the club running smoothly. I want to contribute to this goal by sharing my energy and commitment.

Doug Braun, KB8TGT

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Marv Grossman, W8AZO

Marv Grossman, W8AZO is a charter member of LEARA. He has participated actively in the organization since its beginning, including, but not limited to being instrumental in obtaining & constructing the original '76 site, working on all of the club's repeaters at one time or another, setting up the original Skywarn station at NWS, participating in public-service events and the club newsletter for many years.

Having been Chief of Police of Warrensville Township (now Highland Hills) for over 18 years and working for Antenna Specialists/Allen Telecom for 36 years, Marv is now happily retired. There is more than ample time available to keep the computerized LEARA membership records up-to-date. A Trustee for most of LEARA's existence, Marv will continue to serve the organization if re-elected

Marv Grossman, W8AZO

Eddie Stevens KD8FTS



I currently live in Parma and I have lived in the Cleveland area my whole life. I became a licensed amateur radio operator in 2006 and I currently hold a General Class license. Both of my parents had their amateur radio licenses when I was very young, so I sort of grew up around amateur radio. I have been interested in electronics since as long as I can remember; I think I was using a soldering iron and building electronics projects by the time I was ten years old. My interests turned toward computers in my teen years, and I graduated from Cleveland State University with a Business Degree in Computer Information Systems. For the past twenty years I have been working as a computer network engineer. While I enjoy many aspects of amateur radio including transmitter hunting, HF contesting, satellite communications, and working with digital modes; my primary interests in Amateur Radio are Public Service and Emergency Communications. I help out with as many public services events each summer

as I can, and I am currently an Assistant District Emergency Coordinator for the local ARES district. As a trustee of LEARA, I would work to ensure that the club continues as one of the premier amateur radio clubs in the Northeastern Ohio area.

Eddie Stevens, KD8FTS

Bryan A.



Torok N800F

Bryan resides in North Olmsted and is a lifetime resident of the Cleveland area. He is a Sergeant in the Cleveland Police Department and has been a State Certified Emergency Medical Technician since 1981. Bryan is married to Sara, KC8KSU.

Bryan has been interested in electronics and radio since his early teen years. He holds the degree, Bachelor of Science in Electronic Engineering Technology, and graduated with honors (*summa cum laude*) from Cleveland State University in 1998.

- Licensed since 1991, Amateur Extra since 2010
- Member of LEARA since 1991
- Radio Officer since 1993
- Trustee since 1994
- Chaired or served on the Election Committee 12 years.
- Participated in Test and Tune and served as Homebrew Night Judge several years.
- Newsletter Editor, August 1999 to 2005. Also functioned as reporter, columnist, and photographer.
- As Trustee rarely misses a meeting, also attends most membership meetings.
- Drafted LEARA's current Articles of Incorporation, leading to LEARA obtaining 501(c)(3) status and participated in several Bylaws updates.

Over the years, Bryan has participated in almost every public service event LEARA does, although not all in any one year. He chaired Communications coverage for the Westlake Invitational Soccer Tournament several years. Member of ARRL, Skywarn (as a spotter), Ohio Area Repeater Council, NRA, LEAA and FOP. Owner of the 444.350 repeater.

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Other activities include fox (hidden transmitter) hunting and amateur rocketry.

As I'm approaching retirement, I'll have more time to devote more time to the upgrading and maintenance of the LEARA repeaters. Recent interests include becoming active in HF, software-defined-radio, and digital modes.

"I feel participation in LEARA to be very important. Over the years I have worked to make the running of the organization more open and transparent and to encourage the average member to get involved. I want to encourage and assist the LEARA membership to become more informed and involved not only in public service, but also in the management of the organization itself. In these challenging times, I want to continue on the Board to help LEARA grow and prosper. Thank you for your support."

Bryan Torok, N8OOF

Editor's note:

*The LEARA by-laws require that, in October, three trustees be elected, each to a three-year term. Incumbents, **Dave Foran, WB8APD**, and **Bob Winston, W2THU**, have chosen not to run for re-election as LEARA trustees.*

LAKE ERIE AMATEUR RADIO ASSOCIATION TRUSTEES' MEETING MINUTES OF THE MEETING

12 September 2015 at the Maple Heights Branch of the Cuyahoga County Library
(Subject to Revision)

Trustees Present: Bob W2THU, Gary WA8TJL, Marv W8AZO, Jim N8XDO, Mike K8EHP, Bill K8SGX, Jeff K8JTK, Eric N8AUC and Ken KG8DN
Trustees Excused: Jeff N8YNR, Bryan N8OOF, Dave WB8APD and Eddie KD8FTS
Guests: None

1. **Call to Order:** The meeting was called to order at 0908 by club president WA8TJL.
2. **Minutes:** The minutes of the previous meeting were accepted as published in the July 2015 newsletter.
3. **Treasurer's Report:** WB8APD messaged via email that the club has adequate funds in the bank account.
4. **Membership Report:** W8AZO stated that we have 164 members, that 29 did not renew from 2014 and that we did retain as paying members 3 hams who joined last year under the free membership promotion at the Cleveland Hamfest.
5. **Cleveland Hamfest Participation:** LEARA will again have a club table at the hamfest. W8AZO will bring the banner, promotional materials and set up the booth. The following signed up to assist at the table: WA8TJL, KG8DN, K8JTK and K8EHP.

6. **Nominations Committee and Election Committee Reports:** KG8DN said that we have two candidates for the Board in addition to the Trustees who are running. W2THU advised the Board that after careful and long deliberation he has decided not to run, but will remain a member of the club. The nomination period is over. K8JTK stated that he has renewed our account with *Voting Place*, so we can conduct the election on line. Members may also vote by written ballot.
7. **Newsletter Report:** KG8DN stated that Kimberly KD8YSY will be the primary editor commencing on the first of October 2015. Ken will still be listed as co-editor on the front page and he will continue to do photography and photo layouts.
8. **Program Chair Report:** N8AUC will give a program on basic electronic filters at the September meeting. In October we will pay a tribute to Dave Foran WB8APD and announce the election results. November is our annual holiday party.
9. **Future Dinner Meeting Venues:** After Mimi's closed we met at Stancato's in August. The meal cost considerably more than at previous restaurants. KG8DN said that this is the new

(Continued from page 8)

reality. K8JTK suggested that we not have dinner meetings anymore if the price will keep members away. K8SGX suggested we request input from all of the members and not just the Trustees. K8JTK said we can use *Voting Place* to survey members, asking them if they want a dinner meeting and how much they are willing to pay. Meanwhile, WA8TJL will discuss a better price with Stancato's for this month's meeting. W2THU suggested we meet at a free or low cost community room and order in pizza and wings.

10. **Yaesu Repeater Application:** K8JTK is filling out the application to purchase the YAESU fusion repeater and needed answers to some technical questions which were provided by other Board members. This new repeater will be installed at CWRU and replace the 444.400 MHz machine presently in Macedonia.
11. **Technical Committee Report:** WA8TJL told us that the noise interfering with the 146.76 main site receiver is generated by the tower lights controller. This unit generates RF in the 2 meter band whenever it is attempting to turn on the lights. The consensus of the Board is that the main 146.76 site shall be transmitter only, with 3 remote inputs presently functioning. A fourth input in the Willoughby Hills area is still in the works.
12. **Club Projector Screen:** K8JTK stated that he and his dad, Tom N8ETP, will no longer be responsible for bringing the club screen to meetings and he asked for help. N8AUC said that he will assist. W2THU offered to bring the QCWA Chapter 1 screen if necessary.
11. **Under new business,** K8SGX asked that the access list to the 146.88 repeater site be updated and W2THU agreed to comply. K8JTK reported a bozo interfering with the club digital net and also on the Skywarn net.
12. W8AZO moved, with a second from N8AUC, that the meeting adjourn at 1055. The motion passed without opposition.

Respectfully submitted,
Robert M. Winston, W2THU
Secretary (73)

Upcoming Hamfests and Conventions

from www.arrl.org

09/27/2015 | Cleveland Hamfest and Computer Show

Location: Berea, OH

Type: ARRL Hamfest

Sponsor: Hamfest Association of Cleveland

Website: <http://www.hac.org>

[Learn More](#)

10/18/2015 | Conneaut ARC's Ham Fest

Location: Conneaut, OH

Type: ARRL Hamfest

Sponsor: Conneaut Amateur Radio Club
(W8BHZ)

Website: <http://www.facebook.com/W8BHZ>

[Learn More](#)

10/25/2015 | Massillon ARC Hamfest

Location: Massillon, OH

Type: ARRL Hamfest

Sponsor: Massillon Amateur Radio Club

Website: <http://www.w8np.org>

[Learn More](#)

Volunteer Exam Dates and Locations

from www.arrl.org

09/20/2015 | Elyria OH 44035-1343

Sponsor: American Red Cross

Location: American Red Cross

Time: 1:00 PM (Walk-ins allowed)

[Learn More](#)

10/03/2015 | Kirtland OH 44094-8500

Sponsor: Lake County ARA

Location: Kirtland Library

Time: 12:00 PM (Walk-ins allowed)

[Learn More](#)

10/20/2015 | Akron OH 44314-3614

Sponsor: Pioneer AR Fellowship

Location: Akron Baptist Temple

Time: 6:30 PM (Walk-ins allowed)

[Learn More](#)

ARISS Issues Invitation to Schools, Educational Organizations, Groups from www.arri.org

Amateur Radio on the International Space Station ([ARISS](#)) is inviting proposals from schools, educational organizations, and groups that are willing and able to host an Amateur Radio contact with an International Space Station crew member. The window for formal and informal [proposals](#) will be open from September 1 until November 1, 2015. ARISS anticipates that the contacts will be scheduled between July 1 and December 31, 2016. Crew schedules and ISS orbits determine exact contact dates.

To maximize these radio contact opportunities, ARISS is looking for organizations that will draw a large number of participants and integrate the contact into a well-developed education plan. Because of the nature of human spaceflight and the complexity of scheduling activities aboard the ISS, organizations must demonstrate flexibility to accommodate changes in contact dates and times.

[Full information](#) on hosting an ARISS contact is available on the ARRL website. To help organizations in preparing their proposals, the ARISS Program Coordinator will offer hour-long online information sessions. These are designed to provide more information regarding US ARISS contacts and the proposal process and offer an opportunity

to ask questions. While attending an online information session is not required, it is strongly encouraged.

These will be offered Thursday, September 17, at 2000 UTC; Tuesday, September 22, at 2000 UTC, and Wednesday, September 30, at 2300 UTC. Advance registration is necessary. **E-mail** ARISS to sign up for an information session. ...

Jamboree-On-The-Air 2015 Station Registration is Open from www.arri.org

Worldwide station [registration](#) is open for the 2015 Boy Scouts Jamboree On The Air/Jamboree On The Internet ([JOTA/JOTI](#)), which will take place over the **October 16-18 weekend**.

Registration requires a scout.org user name, which gives full access to the registration system as well as to many of the JOTA/JOTI activities that will be under way during the weekend.

JOTA is aimed at fostering Scout-to-Scout communication across borders and is the largest Scouting event in the world, with upward of 750,000 Scouts participating from some 6000 stations in 150 countries. In the US 13,326 Scouts and visitors took part in JOTA 2014. ...

[Link to Full Story](#)

LEARA — The Lake Erie Amateur Radio Association

45 Years of Serving Greater Cleveland Since 1969 -

VOICE REPEATERS:

- | | |
|-----------------------|--|
| 146.76/R- | • Highland Hills (Requires 110.9 Hz tone) |
| 146.88/R- <i>IRLP</i> | • Lakewood (Requires 110.9 Hz tone) IRLP Node 4282 |
| 224.90/R- | • Lakewood (141.3 Hz tone) |
| 444.40/R+ | • Macedonia (Requires 131.8 Hz tone) |
| 444.70/R+ | • Lakewood (131.8 Hz tone) |

INTERNET:

- www.leara.org
- 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.