



# *The Spirit of '76 and '88*



May

Newsletter of the Lake Erie Amateur Radio Association

2019

Ken Kane, KG8DN, Editor

*LEARA  
TURNS  
50  
This  
May!*

Yes, the  
LAKE ERIE AMATEUR RADIO  
ASSOCIATION  
HAS MADE IT TO THE  
HALF-CENTURY MARK, at least  
once we get to the  
end of this month!

Join us at Play Arcade and Kitchen  
in Mayfield Heights  
to celebrate. Charter member and  
first president, **Bill Hess, K8SGX**,  
will be on hand to provide archive  
images and commentary, assisted  
by **Dave Andrzejewski, KD8TWG**.

Several other "founding members"  
are also still very much alive, and in  
this edition of the newsletter we hail  
them as well as the many who have  
become Silent Keys.

See you there!



**Dinner 6:30 PM      Meeting 7:30 PM**  
**Our Fiftieth Anniversary Meeting**  
**will be at**  
**Play Arcade and Kitchen**  
**5900 Mayfield Road, Mayfield Heights**  
**Tuesday, May 28, 2019**

The May 28, 2019 LEARA meeting will be at the  
**Play Arcade & Kitchen**, located at  
5900 Mayfield Road in Mayfield Heights, Ohio 44124.

As usual, dinner will begin at  
6:30 pm followed by the club meeting.

Attendees can order off of the menu, so there is  
no set price for the dinner and no entrée selection is  
necessary (only the number of people dining), but  
**advance reservations for a count** are required.

Reservations may be made on the club website at  
<http://www.leara.org>, or by calling  
Marv Grossman (W8AZO) at 440-248-0031.

The menu is available online at  
<http://www.playmayfield.com/kitchen>.

Please let us know if you have any special  
dietary needs or concerns.

Reservations must be submitted by  
the Sunday before the meeting.  
**We hope to see you there.**

**OFFICERS  
and TRUSTEES**

**Bryan Torok** N8OOF  
President [btorok@sbcbglobal.net](mailto:btorok@sbcbglobal.net)

**Eric Jessen** N8AUC  
VP, License Trustee 440-554-3057

**Ken Kane** KG8DN  
Secretary 440-473-8078

**Jeff Garvas** N8YNR  
Treasurer 216-496-3928

**TRUSTEES**

**Dave Andrzejewski** KD8TWG  
Technical 330-353-9754

**Marv Grossman** W8AZO  
Membership 440-248-0031

**Andrew Kahn** WA8LIV  
Vice President 937-681-1516

**Steve Spisak** K8SAS  
216-533-7300

**Eddie Stevens** KD8FTS  
Venue 440-668-7409

**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)  
**Dave Foran** WB8APD (SK)  
**Bob Winston** W2THU

**POINTS OF CONTACT**

**Carl Gedeon** KB8VXE  
"Sunshine" 440-243-5710

**Bryan Torok** N8OOF  
Radio Officer [btorok@sbcbglobal.net](mailto:btorok@sbcbglobal.net)

**Dave Andrzejewski** KD8TWG  
Radio Officer 330-353-9754

**NEWSLETTER****The Spirit of '76 & '88**

is published monthly  
except in December.

Contributions must be received by  
the

2<sup>nd</sup> 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](mailto:editor@leara.org)

*Proofreading: TNX to  
W8AZO, N8YNR*

**It's LEARA's 50<sup>th</sup> Anniversary!**

The Lake Erie Amateur Radio Association was formed at a meeting on the last Tuesday of the month in May of 1969. So, it is fitting that we celebrate the occasion of our 50<sup>th</sup> anniversary at our May meeting this month. There will be a slide show assembled by **Dave Andrzejewski, WD8TWG** and a presentation by **Bill Hess, K8SGX**. Also, the club will provide cake for dessert. **The May meeting** will be in the theatre on the first floor at **Play Arcade and Kitchen** in Mayfield Heights. Details are on the first page.

**The Prez Says**

by Bryan Torok, N8OOF



**The April meeting** was at **Pearl of the Orient** in Rocky River. This was a new venue for LEARA with the meal served family style. **Eddie Stevens, KD8FTS**, will have the results of a full survey, but I took a quick straw poll of attendees. The results were universally thumbs up. I asked for a comparison between the Chinese restaurant LEARA tried last year and Pearl of the Orient. The response was that Pearl of the Orient was head and shoulders better.

**The June meeting** will **NOT** be at Field Day, but **WILL** be at **Mahle's Restaurant** in Westlake. We've been there twice with good results each time.

**For the July meeting, Eddie Stevens, KD8FTS**, will be putting on the picnic in the usual location, the Harriett Keeler Picnic area at the MetroParks Brecksville Reservation. He is still looking for some help with the preparations and set up. If you have bit of time to help the club, please contact Eddie at 440-668-7409 or [LEARA@KD8FTS.com](mailto:LEARA@KD8FTS.com).

**Newsletter Editor needed:** Our current newsletter editor, **Ken Kane, KG8DN**, will not be running for reelection this year and will also be resigning as newsletter editor. We really, really, really, need someone to step up and take over as newsletter editor.

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](http://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 LEARA, P.O. Box 22823, Beachwood, OH 44122-0823. 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. Locations for dinner may vary and often require a reservation. Those interested in dinner should arrive around 6 p.m. The meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating.

**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.** Trustees meet at one of the Cuyahoga County Public Library branches. Contact a trustee or check the website at [www.leara.org](http://www.leara.org) for details.

**Prez  
cont.**

The newsletter editor does not have to be a Trustee, although it would be helpful if the editor would be able to attend the Trustee meetings, held six times per year. Ken has offered to mentor his replacement over the coming months. As Ken has no immediate plans to leave the area, he will also still be available for help in the future. We will provide a copy of the software currently used, but one would be free to use whatever software they like. Any member who is interested may contact Ken or any Trustee for more info.

**Nominations for Trustee** are open through the end of the August membership meeting. Because Ken has declined to run for reelection, there WILL be a new person elected to the Trustees this year. That makes it a good time to run. The **Nomination/Election committee** consists of **Ken Kane, KG8DN; Steve Spisak, K8SAS; and Andrew Kahn, WA8LIV**. If you are interested in helping with the running of LEARA, or wish to nominate someone who you think would be good for the position, please contact one of the committee members.

**Until next month**, talk on the radio, and use the repeaters. Come out and see us at a meeting. We look forward to seeing you.

Bryan Torok, N8OOF

Sun	Mon	Tue	Wed	Thu	Fri	Sat
19 <b>Cleveland Marathon</b> <a href="https://forms.gle/jV3G9Vq7Wfq85fhBA">https://forms.gle/jV3G9Vq7Wfq85fhBA</a>	20	21 <b>ARES®</b> 80m 7:15 pm OSSB 8 pm OHDN	22 <b>Skywarn Practice Net</b> 8:30 PM 146.76/R	23 8 pm LEARA VOICE '76	24	25
					<b>May</b>	
26	27	28 <b>LEARA FIFTIETH ANNIVERSARY MEETING</b> <i>Play Arcade &amp; Kitchen in Mayfield Heights</i>	29 <b>Skywarn Practice Net</b> 8:30 PM 146.76/R	30 8 pm LEARA VOICE '76	31	1
2	3	4 <b>ARES®</b> 80m 7:15 pm OSSB 8 pm OHDN	5 <b>Skywarn Practice Net</b> 8:30 PM 146.76/R	6 8 pm LEARA VOICE '76	7	8
<b>June</b>						
9 <b>ARES® Cuyahoga</b> 2 to 4 pm at CCPL in Independence	10	11 <b>ARES®</b> 80m 7:15 pm OSSB 8 pm OHDN	12 <b>Skywarn Practice Net</b> 8:30 PM 146.76/R	13 8 pm LEARA VOICE '76	14	15
16	17	18 <b>ARES®</b> 80m 7:15 pm OSSB 8 pm OHDN	19 <b>Skywarn Practice Net</b> 8:30 PM 146.76/R	20 8 pm LEARA VOICE '76	21	22 Field Day <a href="http://www.arrl.org/field-day-locator">http://www.arrl.org/field-day-locator</a>
23 Field Day	24	25 <b>LEARA MEETING</b> 6:30 PM at Mahle's in Westlake	26 <b>Skywarn Practice Net</b> 8:30 PM 146.76/R	27 8 pm LEARA VOICE '76	28	29



**LEARA "On The Air"**  
**Club Net Information**  
*by Carl Gedeon, KB8VXE*

**May 2019 Newsletter**  
**Net Report**

**The Thursday Club Net** is held 8PM on our 146.760 (or 146.880 backup) MHz (- 600 kHz offset, PL 110.9) repeater.

**Checkins for April 2019**

AB8UM	Mike	KD8ACD	David	N8JIW	Don
AD8AA	Andy	KD8AJZ	Rich	N8UPZ	Bill
K2WJS	BILL	KD8FTS	Eddie	N8WLG	Aaron
K8EHP	Mike	KD8OVQ	Joe	W8DKA	Doug
K8RJH	Ron	KE8CED	Robert	W8IE	Ed
K8SAS	Steve	KE8MAE	Connie	W8MET	Metro
K8SHB	Joel	KG8DN	Ken	WA8LIV	Andrew
KB8VXE	Carl	N8AGM	Tom	WB8ROK	Ed
KC8FQV	Mark	N8AUC	Eric		

Remember if you missed a net, check out the web page for a recap of the trivia and discussion questions. For May through July the tentative scheduled NCOs are:

Net Control Schedule		
05/16/19	Steve	K8SAS
05/23/19	Bill	K2WJS
05/30/19	Andrew	WA8LIV
06/06/19	David	KD8ACD
06/13/19	Mike	AB8UM
06/20/19	Carl	KB8VXE
06/27/19	Eric	N8AUC
07/04/19	Ken	KG8DN
07/11/19	Steve	K8SAS
07/18/19	Bill	K2WJS
07/25/19	Andrew	WA8LIV

Please check the website for current assignments.

**The Digital Communications Net** on Thursday evenings has been discontinued due to lack of participation.

**The Wednesday Skywarn Practice Net**

Skywarn season runs from March through September. Skywarn practice nets are held every Wednesday during the season, 8:30 PM on LEARA's 146.760 repeater.

There is a brief simplex net that is held after the repeater net to to test gear and operational skills. Please check in and learn how the net works. Should the National Weather Service issue a severe weather alert, a Skywarn net will be started on the 146.760 repeater. Be sure to visit the web page at [www.ccskywarn.org](http://www.ccskywarn.org) for more information and training sessions.

**Thursday Net NCOs**

AB8UM	MIKE	KD8ACD	DAVID
K2WJS	Bill	KG8DN	KEN
K8SAS	STEVE	N8AUC	ERIC
KB8VXE	CARL	WA8LIV	ANDREW

Do you know K2??? How about ??UPZ? Do you recognize the voice. Have you met them in person? What about N8OOF? Every one of us has a unique voice. A great way to learn who these voices belong to is to be a net controller! Not only do you learn their voice but when you see them face to face at a meeting you remember the "whole" person. Consider being a net controller.

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. Your help is really needed!

We look forward to your participation!  
**Carl, KB8VXE, email: kb8vxe@arrl.net**

The next ARES meeting is 2PM Sunday June 9, 2019, The meeting will be held at the Independence branch of the Cuyahoga County Library System. Please see the ARES web site for more details (click on website below).

ARES Nets are now held every Tuesday at 8PM on the 145.410 (+110.9) repeater.

For more information go to [www.ccares.us](http://www.ccares.us).

**Sunshine report**

We are happy to see **Bill K2WJS Sheehan** back on his "feet". He underwent some surgery last month. And was looking fine at the our last group meeting. Keep getting better Bill! P.S. During Bill's convalescence, he Elmered his XYL to a new ham ticket. **Welcome to Connie, KE8MAE.**



## Upcoming Hamfests and Conventions

from [www.arrl.org](http://www.arrl.org)

### 05/17/2019 | 2019 ARRL National Convention at Dayton Hamvention®

**Location:** Xenia, OH

**Type:** ARRL Convention

**Sponsor:** Dayton Amateur Radio Association

**Website:** <http://hamvention.org>

[Learn More](#)

### 06/01/2019 | Western Pennsylvania Section Convention (BreezeShooters Hamfest)

**Location:** Prospect, PA

**Type:** ARRL Convention

**Sponsor:** BreezeShooters Amateur Radio Club

**Website:** <http://www.breezeshooters.org>

[Learn More](#)

### 06/16/2019 | Monroe Hamfest

**Location:** Monroe, MI

**Type:** ARRL Hamfest

**Sponsor:** Monroe County radio Comm Assoc

**Website:** <http://mcrca.org/>

[Learn More](#)

### 07/07/2019 | 20/9 Radio Club Hamfest, Computer, & Electronics Show

**Location:** Austintown, OH

**Type:** ARRL Hamfest

**Sponsor:** 20/9 Radio Club, Inc.

**Website:** <http://20over9.org>

[Learn More](#)

### 07/13/2019 | NW PA Hamfest

**Location:** Erie, PA

**Type:** ARRL Hamfest

**Sponsor:** Wattsburg Wireless Association

**Website:** <http://www.wattsburg-wireless.us>

[Learn More](#)

## Volunteer Exam Dates and Locations

from [www.arrl.org](http://www.arrl.org)

### 05/19/2019 | Elyria OH 44035-1343

**Sponsor:** American Red Cross

**Location:** American Red Cross

**Time:** 12:50 PM (Walk-ins allowed)

[Learn More](#)

### 05/23/2019 | Cuyahoga Falls OH 44221-3205

**Sponsor:** Cuyahoga Falls ARC

**Location:** Cuyahoga Falls Library

**Time:** 6:30 PM (No Walk-ins / Call ahead)

[Learn More](#)

### 06/01/2019 | Kirtland OH 44094-8500

**Sponsor:** Lake County ARA

**Location:** Kirtland Library

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

[Learn More](#)

### 06/01/2019 | Ravenna OH 44266-2191

**Sponsor:** Portage County ARS Inc.

**Location:** PCARS Club Site (Rear of complex, under BIG tower)

**Time:** 10:00 AM (Walk-ins allowed)

[Learn More](#)

### 06/01/2019 | Rittman OH 44270-1431

**Sponsor:** Silvercreek ARA

**Location:** Rittman Public Library

**Time:** 10:15 AM (Walk-ins allowed)

[Learn More](#)

### 06/16/2019 | Cuyahoga Falls OH 44221-3205

**Sponsor:** Cuyahoga Falls ARC

**Location:** Cuyahoga Falls Library

**Time:** 6:30 PM (No Walk-ins / Call ahead)

[Learn More](#)

### 06/16/2019 | Elyria OH 44035-1343

**Sponsor:** American Red Cross

**Location:** American Red Cross

**Time:** 12:50 PM (Walk-ins allowed)

[Learn More](#)

### 06/22/2019 | Ravenna OH 44266-2191

**Sponsor:** Portage County ARS Inc.

**Location:** PCARS Club Site (Rear of complex, under BIG tower)

**Time:** 10:00 AM (Walk-ins allowed)

[Learn More](#)



**ROBERT RUNNING, N8OCE**  
Independent Dealer

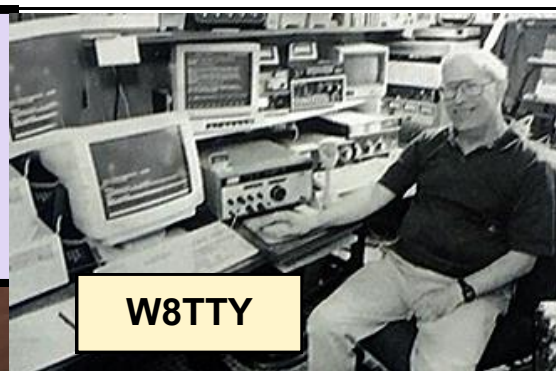
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N8OSM

# Blasts from the Past as LEARA celebrates FIFTY YEARS

Founded May 27, 1969  
Photos TNX W2THU



W8TTY



N8RKP



N8TZW



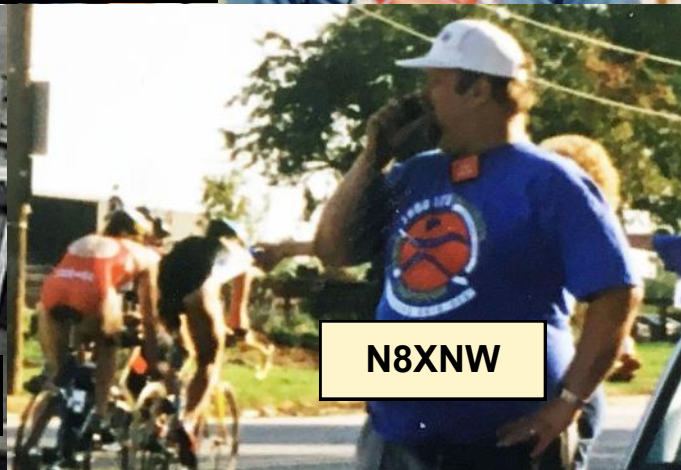
W8AZO at WIST



KG8EL, W8AJR and N8AUC



W8GRG

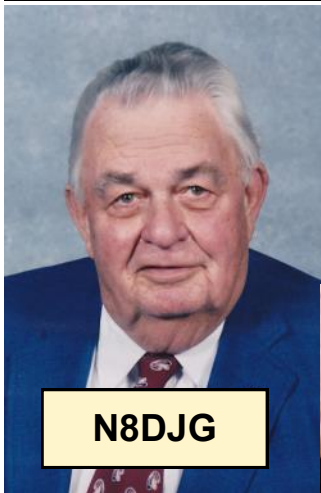


N8XNW

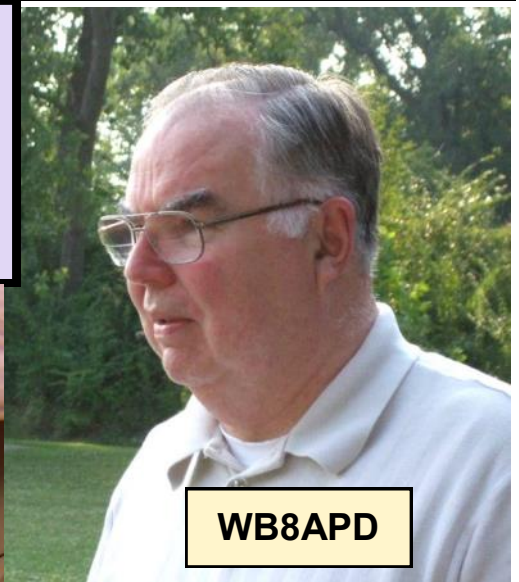


Blasts from the Past  
as LEARA celebrates  
**FIFTY YEARS**

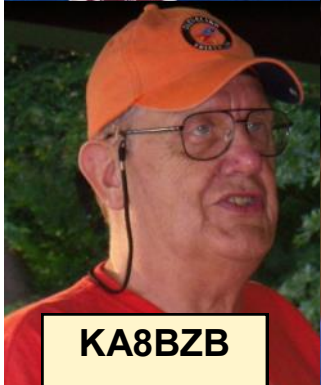
Founded May 27, 1969  
Photos TNX KG8DN



N8DJG



WB8APD



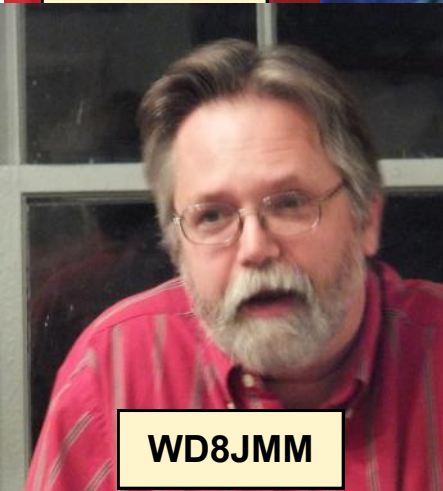
KA8BZB



KC8FOC



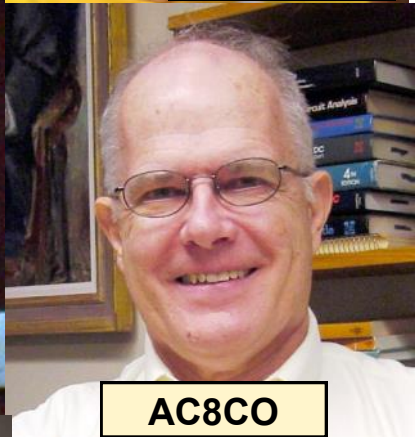
K8SGX



WD8JMM



K2RJ



AC8CO



WA8TJL



N8IPC



K8WLF

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

11 May 2019, at the Parma-Snow Branch of the Cuyahoga County Public Library  
(subject to revision)

Present: K8SAS, KG8DN, W8AZO,  
N8OOF, N8AUC, WA8LIV, KD8TWG  
Excused: N8YNR, KD8FTS  
Guests: KB8VXE (Nets), K8RJH,  
W2THU (Badges)

Call to Order: N8OOF called the meeting to order at 9:32 AM.

Corrections to March Board Minutes: W8AZO moved and WA8LIV seconded that the March 2019 minutes be accepted as published. Passed.

Treasurer's Report: N8OOF indicated that the most recent report showed that our funds were adequate. Accepted.

Membership Report: W8AZO reported that we currently have 132 Members. His records indicate that 38 members from last year did not renew for this year. He will delete members from the email list who have not renewed.

Venue chair: N8OOF reported that the May meeting will be at Play Arcade and Kitchen in Mayfield Heights, and that the June meeting (in lieu of an active LEARA field day this year) will be held on the last Tuesday in June at Mahle's in Westlake.

Programs for 2019: The May Meeting on May 28 will be in celebration of our club's 50<sup>th</sup> anniversary. The June program has not yet been established, and the Picnic meeting is still

planned for July (by KD8FTS) pending adequate support from club members. W2THU agreed to extend an invitation to Dave Prestel, W8AJR, for attending the May 50<sup>th</sup> anniversary meeting.

Nominating Committee Report: The nominating committee to seek candidates for the October Board election now consists of KG8DN, K8SAS and WA8LIV. WA8LIV will operate the Voting Place election procedure. The current terms for KG8DN, KD8TWG, and N8YNR are expiring. KG8DN is not renewing his candidacy. At this time, we anticipate that the candidates for election will consist of KD8TWG, N8YNR and others determined by the committee. K8RJH was nominated at the meeting, and the committee seeks other nominations.

Technical Committee: KD8TWG announced that the Arcom repeater controller for the 146.88 repeater has been returned, and he will install it at the west site once we are clear of upcoming public service events. He commented that the MMDVM board functionality has been affected by a Yaesu update. N8OOF hopes to get the 444.7 MHz repeater back on the air, at least as an analog repeater. There is sporadic interference in the 444.4 MHz repeater on west side that we need to troubleshoot. As an aside, W8AZO moved and KD8TWG seconded that we renew the club's



(Continued from page 8)

dues to the repeater council, and N8AUC agreed to follow up.

**Club Call Sign Badges:** While it has been the club practice to provide free call sign badges to new members, W2THU pointed out that costs and shipping for these badges has risen lately so that now the total cost of preparing and shipping one badge is over eight dollars. After discussion, it was agreed that each new member will be asked if he or she wants to incur the cost of a club call sign badge prepared at the current Board-authorized rate (now \$10.) or if, alternatively, they do not want a badge. Passed.

**Newsletter Editor Plan:** KG8DN will end his term as newsletter editor for LEARA following this November's issue, so the club will need a new editor. After discussion, it was decided that LEARA should promote this need through the usual announcements at meetings, in the newsletter itself and in other typical ways. For anyone who would like to consider this position beginning with the January 2020 issue, help will become immediately available.

**Old Business:** (none)

**New Business:** (none)

**Adjournment:** Near 10:30 AM, W8AZO moved and KD8TWG seconded that we adjourn. Passed.

Respectfully Submitted,  
Ken Kane, KG8DN, Secretary

## Hams Help Trace "Mystery" Signal Disrupting Keyless Entry Devices in (North Olmsted) Ohio

from [www.arrl.org](http://www.arrl.org)

05/07/2019 A [recent article](#) in *The New York Times* reported that many garage door openers and keyless vehicle entry fobs in an Ohio town near Cleveland mysteriously stopped working. While the article invoked *The X-Files* and hinted initially that a NASA research center somehow could be involved, the cause was not so much mystifying as arcane.

"Garage door repair people, local ham radio enthusiasts, and other volunteer investigators descended on the neighborhood with various meters," the May 4 article by Heather Murphy recounted. "Everyone agreed that something powerful was interfering with the radio frequency that many fobs rely on, but no one could identify the source."

**More than a dozen residents reported intermittent issues** getting their key fobs and garage door openers to operate, and most lived within a few blocks of each other. At one point, the local power utility started shutting off power to areas where the strongest RF signal was detected, but the signal persisted. Dan Dalessandro, WB8ZQH, a TV repairer, was among several hams who investigated. He initially picked up "little blips" on a signal detector, but finally, on one block and at a particular house, the signal was quite loud.

"The source of the problem was a **home-brew, battery-operated device designed by a local resident** to alert him if someone was upstairs when he was working in his basement," the *Times* reported. "It did so by turning off a light." The individual, who, the article said, has special needs, was not identified for privacy concerns. The inventor, who had no malicious intent, had no inkling that his device was wreaking havoc on the neighborhood until a North Olmsted City Council member and a volunteer knocked on his door. The device operated on 315 MHz, the frequency many keyless-entry devices use under FCC Part 15 rules. **The device's battery was removed**, the signal stopped, and all who were involved breathed sighs of relief.

# West Chester (Ohio) Amateur Radio Association – WC8VOA

<https://wc8voa.org/2016/02/west-chester-amateur-radio-association-wc8voa/>

Posted by: [Bob Fay](#) | Posted on: February 15, 2016

## HAMVENTION SPECIAL HOURS

### Special Tour Hours for Hamvention

Thurs. May 16th 4:00- 9:00 PM

Friday, May 17th 4:00 – 9:00 PM

Sat. May 18th 1:00 – 9:00 PM

Sun. May 19th 1:00 – 5:00 PM

Admission to the museum is just \$5.00 per person.

## [TICKETS FOR SPECIAL VOA / "WLW" Transmitter site tour \(click here\)](#)

The West Chester Amateur Radio Association station WC8VOA and the National Voice of America Museum of Broadcasting will be open for visitation during the 2019 Dayton Hamvention. Visitors are invited to operate WC8VOA using the four modern transceivers, and vintage equipment as available. Talk-in is on 145.390 (-) no tone required. Echo Link node is 805289.

The Voice of America facility is located at 8070 Tylersville Rd., West Chester, Ohio. From I75, take Exit 22 (Tylersville Rd) and go East about 1.5 miles. The Voice of America Building is on the north side of the road.

You can't miss it – it is located on a large plot of land and is signed at the entrance.

## LEARA — The Lake Erie Amateur Radio Association

**50 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 <i>System Fusion</i> Digital Repeater   |

### 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 *call sign* in the body.  
Those who subscribe via e-mail will not receive a paper copy.



**LEARA  
TURNS  
50  
This  
May!**