



The Spirit of '76 and '88



February

Newsletter of the Lake Erie Amateur Radio Association

2018

Ken Kane, KG8DN, Editor

LEARA's Meeting Tuesday, February 27

NVIS Antennas for Public Service An update from N8AUC



The snows are abating and we made it through Valentine's Day, so are you and your radio ready for public service or emergencies?

Eric Jessen, N8AUC, will be back on February 27th to remind us of the important stuff. We're talking about being able to reach Columbus on HF. If a crisis develops within our State that "500 mile skip" won't help you!

Come to Houlihan's in Westlake on Tuesday, November 27th to find out how you can tweak things this Spring to be ready for anything.

See you then!

The February 27, 2018 LEARA meeting will be at **Houlihan's**
25651 Detroit Rd.
Westlake, OH 44145
(Just west of Columbia Road)

The February 27, 2018 LEARA meeting will be at **Houlihan's**, located at 25651 Detroit Road in Westlake, Ohio 44145. As usual, dinner will begin at 6:30 pm followed by the club meeting. The cost will be \$20 per person. Advance reservations, along with your entrée selections, 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**.

Entrée options are:

- **Baked Tilapia** (a mild white fish) with red bliss mashed potatoes and the vegetable of the day.
- **Rosemary Chicken** with red bliss mashed potatoes and the vegetable of the day.
- **Beef Pot Roast**, slow roasted in a cabernet mushroom sauce, topped with onion straws; served with red bliss mashed potatoes and root vegetables.

Salad, dinner rolls, water, coffee, tea, and soft drinks are included. Alcoholic beverages and dessert items can be purchased separately. Please let us know if you have any special dietary needs or concerns. **Reservations must be submitted by Sunday, February 25th.** We hope to see you there!

Getting to Houlihan's in Westlake

Take I-90 west to Columbia Road in Westlake.

Go south on Columbia a short distance. Go right (westbound) onto Detroit Road. Watch for Houlihan's on the left.



OFFICERS and TRUSTEES

Bryan Torok N8OOF
President btorok@sbcglobal.net

Eric Jessen N8AUC
VP, License Trustee 440-734-3146

Jeff Kopcak K8JTK
Vice President k8jtk@arri.net

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
937-681-1516

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
Bob Winston W2THU

POINTS OF CONTACT

Carl Gedeon KB8VXE
"Sunshine" 440-243-5710

Bryan Torok N8OOF
Radio Officer btorok@sbcglobal.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
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

Meetings

The January Meeting was held at **Amore Ristorante and Pizzeria** in Willowick. I thought the venue was nice and the food was very good.

However, like many of our recent meeting venues, Amore does not have a separate enclosed meeting room and thus is open to sounds from the rest of the restaurant, including the TVs in the bar area. Another issue was that when the heat was not actually running, there was a cold draft through parts of the room. It was noted that some attendees wore their outdoor coats through the entire meeting. Amore is scheduled to relocate, so those issues may be resolved if we decide to revisit Amore in 2019.

The meeting program ended up being presented a bit differently than advertised. Instead of a debate/panel, **Dave Andrzejewski, KD8TWG**, and **Andrew Kahn, WA8LIV**, created a PowerPoint presentation showing both sides of Net Neutrality. Dave did a fine job of presenting the issue in a *neutral* manner (pun intended). That was followed by questions and comments from the attendees.

Correction requested: The January newsletter incorrectly credited Megan Parsons, WB8IXZ, as suggesting Amore. If you made the suggestion, please let us know so we can credit the right person. **The February Meeting** will be at **Hoolihan's**. We've been there before and the food was very good. Reservation and program details are on the front cover.

Future Meeting Venues

Our Venue Chair **Eddie Stevens, KD8FTS**, has created a really interesting list of restaurants for 2018, with the goal of being responsive to our members' desires and alternating locations based on general area; east, west, south, and downtown. See Eddie's article on page eight for more on this and the full lineup for this year. Two restaurants of particular note are **Li Wah** and **Hofbräuhaus**.

At **Li Wah** the dinner will be served family style with eight courses being brought out and passed around one at a time. Take as much or as little of each as you like. I plan to sample each course.

(Continued on page 3)

The Prez Says by Bryan Torok, N8OOF



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 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**. 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.

(Continued from page 2)

**Prez
cont.**

Those who have been around long enough will remember that at one time LEARA's regular meeting venue was the **Hofbräuhaus** when it was on E.55th Street. At the **Hofbräuhaus** we will order off of their regular menu. A link is provided on page nine. By ordering with care, one can choose a meal for under \$20. But, if one chooses a more expensive entrée and adds a beverage and soup or salad, it would be easy to end up in the \$25 to \$30 range before tax and gratuity. Another thing to note has to do with parking. If one is willing to walk a few blocks I'm told one can find free parking. However, the more common choice is the Playhouse Square garage for \$5 or the valet parking for \$10. As this is a per-car cost, Hams who are concerned about it may want to consider carpooling.

Ham Radio is all about experimenting and trying new things. We are doing that by exploring new options for meeting venues. As with any experimentation, some will work better than others. If a location doesn't work out, we don't need to return.

Net Neutrality

As mentioned above, January's program was a presentation on Net Neutrality. If you are not familiar with this issue, see the January newsletter. Those of you who know me know that with few exceptions I tend to be a strong conservative and believer in the free market. However, on this issue I was leaning toward supporting Net Neutrality regulation, but interested in hearing both sides. Following the meeting and upon giving it more thought, I'm even more convinced to support the concept of Net Neutrality. I could write an entire column on this topic and how I arrived at my position. I'm afraid that by doing so I would be straying too far into politics and would risk offending some of LEARA's members. This is likely not the last you will hear of the issue as this probably will end up in litigation and possibly legislation. There are those who support the idea of Net Neutrality, but think that Congress, as opposed to the FCC, is the better venue in which to settle this issue.

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
18	19	20 ARES® 80m 7:15 pm OSSB	21	22 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	23	24
25	26	27 Feb. LEARA Dinner Meeting Houlihan's 6:30	28	1 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	2	3
4	5	6 ARES® 80m 7:15 pm OSSB 8 pm OHDN	7	8 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	9	10
11 ARES® Cuy. County 2 pm CCPL Independence	12	13 ARES® 80m 7:15 pm OSSB 8 pm OHDN	14	15 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	16	17
18	19	20 ARES® 80m 7:15 pm OSSB 8 pm OHDN	21	22 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	23	24
25	26	27 March LEARA Dinner Meeting Li Wah on Payne Avenue 6:30 PM	28	29 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	30	31



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

February 2017 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.

Checks for the month of January:

Checks for January 2018

AC8CO	Bill	KC8FQV	Mark	N8UPZ	Bill
AD8WS	David	KD8ACO	David	W8AMQ	Bob
K2WJS	Bill	KD8FTS	Eddie	W8AZD	Marv
K8ARP	Arp	KD8TWG	Dave	W8EDU	CWRU
K8CVM	Chuck	KE8ILQ	Kevin	W8IE	Ed
K8EHP	Mike	KE8ILR	Ed	W8LIV	Andrew
K8JTK	Jeff	KE8ZZ	Ed	WB8ROK	Ed
K8SAS	Steve	KG8DN	Ken	WD8EHI	Malcolm
K8SHB	Joel	N8AGM	Tom		
KB8VXE	Carl	N8AUC	Eric		

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

For February and March, the tentatively scheduled NCOs are:

<u>Net Control Schedule</u>		
02/22/18	Eric	N8AUC
03/01/18	Tom	N8AGM
03/08/18	Ken	KG8DN
03/15/18	Steve	K8SAS
03/22/18	David	KD8ACO
03/29/18	Andrew	W8LIV
04/05/18	Carl	KB8VXE
04/12/18	Eric	N8AUC
04/19/18	Tom	N8AGM
04/26/18	Ken	KG8DN

The Digital Communications Net is held every Thursday on LEARA's 146.880 (-600 kHz offset, PL 110.9) repeater at 9PM.

The Wednesday Skywarn Practice Net

Skywarn season runs from March through September. The Skywarn practice nets are on hiatus until March. Skywarn nets are held on LEARA's 146.760 repeater. Should the National Weather Service issue a severe weather alert, a Skywarn net will be started 146.760 repeater.

Be sure to visit the web page at

www.ccskywarn.org

for more information and training sessions.

Thursday Net NCOs

K8SAS	STEVE	N8AGM	TOM
KB8VXE	CARL	N8AUC	ERIC
KD8ACO	DAVID	W8LIV	ANDREW
KG8DN	KEN		

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

Apology from KG8DN Re: Dipole Question

During the net on Feb 1st, I posed a question about dipole length changes from insulated to bare wire, and gave the WRONG selection as the answer! The corrected answer is that a bare wire dipole will need to be LONGER, not shorter, as compared with an insulated wire dipole of otherwise similar dimensions. Sorry. Ken

The next ARES meeting is
2PM Sunday, March 11, 2018
at the Independence branch of the
Cuyahoga County Library system.
You do not have to be a member to attend.

For more information go to www.ccares.us.

Sunshine report. Nothing to report.

Upcoming Hamfests and Conventions

from www.arrl.org

02/18/2018 | [InterCity ARC Hamfest](#)

Location: Mansfield, OH

Type: ARRL Hamfest

Sponsor: InterCity Amateur Radio Club

Website: <http://www.w8we.org>

[Learn More](#)

02/18/2018 | [Livonia ARC's 47th Annual Swap & Shop](#)

Location: Livonia, MI

Type: ARRL Hamfest

Sponsor: Livonia Amateur Radio Club

Website: [http://www.livoniaarc.com/index.php?](http://www.livoniaarc.com/index.php?page=swapshop)

[page=swapshop](#)

[Learn More](#)

02/25/2018 | [Washfest 2018](#)

Location: South Park Township, PA

Type: ARRL Hamfest

Sponsor: Wireless Association of South Hills ARC

Website: <http://n3sh.org>

[Learn More](#)

03/04/2018 | [Winter Ham Fest](#)

Location: Elyria, OH

Type: ARRL Hamfest

Sponsor: Northern Ohio Amateur Radio Society

Website: <http://noars.net>

[Learn More](#)

03/18/2018 | [Toledo Mobile Radio Association Hamfest & Computer Fair](#)

Location: Perrysburg, OH

Type: ARRL Hamfest

Sponsor: Toledo Mobile Radio Association

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

[Learn More](#)

04/14/2018 | [Cuyahoga Falls ARC's 64th Annual Hamfest](#)

Location: Cuyahoga Falls, OH

Type: ARRL Hamfest

Sponsor: Cuyahoga Falls Amateur Radio Club

Website: [http://www.cfarc.org/hamfest.php?](http://www.cfarc.org/hamfest.php?festnow=2018)

[festnow=2018](#)

[Learn More](#)

Volunteer Exam Dates and Locations

from www.arrl.org

02/18/2018 | [Elyria OH 44035-1343](#)

Sponsor: American Red Cross

Location: American Red Cross

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

[Learn More](#)

02/21/2018 | [Akron OH 44301-2108](#)

Sponsor: Pioneer AR Fellowship

Location: Firestone Park Community Center

Time: 7:00 PM (Walk-ins allowed)

[Learn More](#)

02/24/2018 | [Canton OH 44705-4374](#)

Sponsor: Stark County Area VE Team

Location: Stark County EMA/EOC

Time: 9:00 AM (Walk-ins allowed)

[Learn More](#)

03/03/2018 | [Rittman OH 44270-1431](#)

Sponsor: Silvercreek ARA

Location: Rittman Public Library

Time: 9:45 AM (Walk-ins allowed)

[Learn More](#)

03/11/2018 | [Independence OH 44131-4841](#)

Sponsor: Cuyahoga ARS

Location: Old Elmwood Recreation Center

Time: 9:00 AM (Walk-ins allowed)

[Learn More](#)

03/15/2018 | [Stow OH 44224-4097](#)

Location: Stow-Munroe Falls Public Library

Time: 7:00 PM (Walk-ins allowed)

[Learn More](#)

03/18/2018 | [Elyria OH 44035-1343](#)

Sponsor: American Red Cross

Location: American Red Cross

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

[Learn More](#)

03/21/2018 | [Ravenna OH 44266-2191](#)

Sponsor: Portage County ARS Inc.

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

Time: 7:00 PM (Walk-ins allowed)

[Learn More](#)

Tuesday, January 30, 2018
NET NEUTRALITY
at Amore Ristorante, Willowick



Tuesday, January 30, 2018
Dave Andrzejewski, KD8TWG
and panel, in discussion of
NET NEUTRALITY
at Amore Ristorante, Willowick



- With a tiered infrastructure, such as "fast-lane/slow-lane," the increased revenues could be used to build out better broadband service.
- Opponents argue that increased regulation could actually lead to less competition and make the barriers to entry stronger.
- Net Neutrality opponents argue that without these rules in place, there would be more investment in infrastructure.



Local governments and public utilities impose the most significant barriers to entry. Public officials determine what requirements an ISP must meet to get access to publicly-owned "rights of way" - which would let them place their wires. Local kickbacks are very common, such as providing free access to government buildings, donating equipment, and building out service where it is not demanded. Some ISPs have successfully lobbied local governments to make it illegal for other ISPs to operate in their service areas

- Proponents of NN argue that common carrier status would help this.



**Responding to LEARA Members
Venue Chairman
Eddie Stevens, KD8FTS
Sets Likely
Restaurant Schedule for
ALL OF 2018 MEETINGS!**

I am happy to report that the dinner meeting venue schedule for all of 2018 has now been finalized. Members frequently ask where future meetings will be held, but until recently, meetings were only planned out a month or two in advance. Fortunately, my current job is less demanding of my time, and I was able to make the arrangements for all 2018 meetings before the end of January.

Thanks to venue suggestions from various members, we now have more venue options than meetings per year. This means that we will not be visiting the same restaurant twice in one year. New suggestions are always welcome though, so keep them coming. But at this point, any new options would be considered for meetings in 2019. On a sad note, one of our regular venues, Massimo da Milano, closed its doors at the end of 2017. They were in business for more than 25 years in a building that was built in 1903. This is certainly not the first time, and probably won't be the last time, that one of our regular venues has gone out of business, so keep the venue suggestions coming.

I have concluded that it would be nearly impossible to find a single restaurant that would make all of our members happy, so the best option seems to be to continue to visit different restaurants each month. Some members prefer buffets whereas others prefer plated dinners. Some members are happy making entrée selections in advance, whereas others prefer to order off of the menu. Some members prefer east-side venues, and others prefer west-side venues. So in 2018, I have tried to include a mix of east-side, west-side, south-side, and downtown venues. Our holiday meeting will be our only buffet this year, but the other meetings will have a mix of preselected plated dinners, family-style service, and two venues will allow everyone to order off of the menu.

Several members have also remarked that it would be nice if dessert was included with the meal. The reason that dessert has not been included in the past, is that it would substantially increase the price of the meal, and only a limited number of members seem to want dessert. In an attempt to accommodate everyone, without raising the price, I have negotiated with a number of venues to allow individuals to purchase dessert items, and alcoholic beverages, separately. Look for details about venues which will allow individual tabs for dessert items and alcoholic beverages in each month's dinner meeting announcement. On the topic of price, I am happy to report that all 2018 set-price dinners will remain at \$20, with the exception of our holiday dinner, which will be \$25.

We are also planning to streamline the dinner meeting reservation process in 2018. We hope to have the details of each dinner meeting posted on the club's website by the first of each month. This way, members won't have to wait for the newsletter publication to find out about the dinner meeting venue and to make reservations. We also plan to allow, but not require, members to prepay for their dinners, online, when making reservations. Also, rather than surveying the members at each meeting, to see what they think of the venue, attendees will receive an E-mail survey after the meeting. Look for these changes in coming months.

The 2018 meeting schedule is as follows:

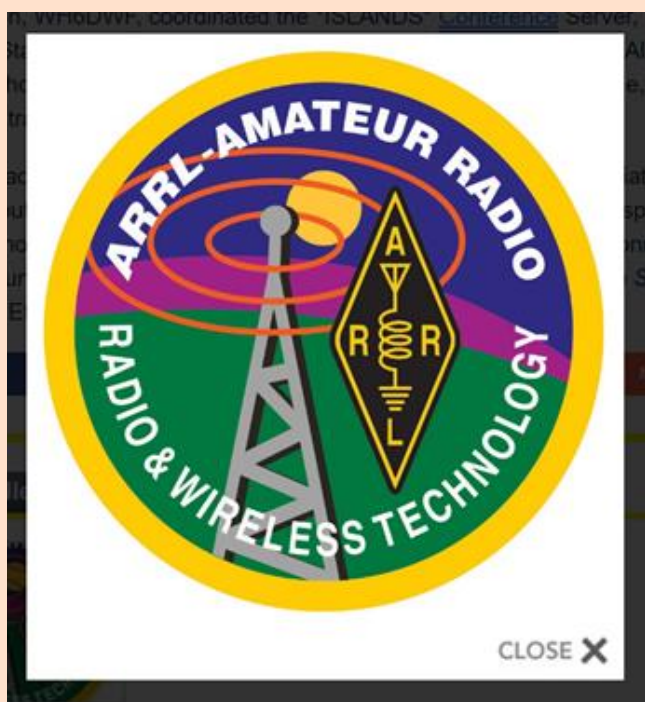
January: Amore Ristorante (East) [Plated]
February: Houlihan's (West) [Plated]
March: Li Wah Restaurant (Downtown) [Family-style]
April: Luna's (South) [Plated]
May: Hofbräuhaus (Downtown) [Order from Menu]
June: Field Day Meeting
July: Picnic Meeting
August: Play Arcade (East) [Order from Menu]
September: Mahle's (West) [Plated]
October: Vittorio's (East) [Family-style]
November: Teamz (West) [Buffet]
December: No Meeting

Venue Chairman and Trustee
Eddie Stevens (KD8FTS)

**Sisterhood of Amateur Radio
Supports Girl Scouts in
Obtaining Radio Wireless Patch
from www.arrl.org**

02/09/2018

The Sisterhood of Amateur Radio (**SOAR**), in conjunction with the Girl Scout Council of Southern Nevada, hosted a Radio and Wireless Tech Field Day on February 3 in Las Vegas, for more than 60 girls and their adult chaperones.



ARRL began offering its **Radio and Wireless Technology Patch Program** for Girl Scouts in 2016. The program defines the requirements for Girl Scouts to earn the patch at the Brownie, Junior, Cadette, Senior, and Ambassador levels and provides a platform for participants to learn about wireless technology, including Amateur Radio, and to inspire girls to learn the fundamentals of radio communication and wireless technology. It also prompts participants to take action in their communities to apply their newfound knowledge to connect people, provide safety, and to kindle an interest in science, technology, engineering, and math (STEM) subjects and careers.

In addition to hands-on activities, the Girl Scouts in Las Vegas also learned about emergency and public service communications, and explored ways wireless technology is used in everyday life and in the workplace. The SOAR participants enthusiastically shared what it means to be an Amateur Radio operator and demonstrated how they can communicate around the world via Amateur Radio.

"As a girl-led and girl-focused organization, Girl Scouts of Southern Nevada understands the importance of providing science and engineering educational programming to girls of all ages," said Linda Bridges, Chief of Communications for Girl Scouts of Southern Nevada. "By partnering with SOAR, we look forward to inspiring all Girl Scouts to pursue a lifelong love of communication and global goodwill."

Highlights of the event were spelling out their name in Morse code and hearing it via a code practice oscillator, learning about antenna directivity and participating in a fox hunt, and actually talking on the radio as well as using Voice over Internet Protocol (VoIP) modes.

Todd Wilson, WH6DWF, coordinated the *ISLANDS* Conference Server, IRLP 9256, the StarLink System Hub 357087, and DODROPIN 355800, and AllStar, illustrating how Amateur Radio can be used on a tablet or a smart phone, in addition to traditional radio equipment.

ARRL Nevada Section Manager John Bigley, N7UR, expressed appreciation for "the contribution of all the participants who took time out of their day to speak to the girls to demonstrate these young girls what Amateur Radio can do to connect people around the world."

**Thanks to John Bigley, N7UR, & Nevada
Section PIO Cathy Etheredge, N7HVN**

NBC News Left Field Report Says Hams “Could Save Our Lives” in a Disaster

from www.arrl.org

02/08/2018



Hawaii Section Emergency Coordinator
Kevin Bogan, AH6QQ

A team from NBC News’ nascent digital news unit Left Field was in Hawaii to visit with some **radio amateurs** to produce a report when the false nuclear missile alert happened on January 13.

Left Field’s report points out how much we rely on cell phones and 21st century technology...and what we would do if these suddenly were no longer available. Amateur Radio operators “are standing at the ready and may save us all,” NBC Left Field said in the tease to its [YouTube version](#) of its report. Accessible [directly from NBC News](#), the report, with Left Field’s Jacob Soboroff, runs 7:22.

“Ham radio is one of the ways you’d be able to hear what’s happening,” when conventional telecommunications systems fail, Soboroff told his viewers.

Among those interviewed in the piece are ARRL Section Manager **Joe Speroni, AH0A**, and Section Emergency Coordinator **Kevin Bogan, AH6QQ**. NBC News says its Left Field unit “is a new internationally minded video troupe that makes short, creative documentaries and features specially designed for social media and set-top boxes.”

LEARA — The Lake Erie Amateur Radio Association

46 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
- To subscribe via e-mail, send a message to: 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.

