



The Spirit of '76 and '88



September

Newsletter of the Lake Erie Amateur Radio Association

2018

Ken Kane, KG8DN, Editor

**Meet LEARA at Mahle's on
Tuesday, September 25, 2018
Dinner at 6:30 PM - Meeting at 7:30 PM**



Mahle's Restaurant & Lounge
[24945 Detroit Avenue](http://www.mahles.com)
[Westlake, Ohio 44145](http://www.mahles.com)

The September LEARA meeting will be at
Mahle's Restaurant & Lounge,
located in Westlake.

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.

**LEARA Board
Elections in October!**
**See Candidate Photos and
Biographies in
This Issue**

**Ohio Section ARRL Emergency Coordinator
Stan Broadway, N8BHL
ARES "CONNECT" ETC.**



What could be more
timely as we recover from
"Florence" than having the
ARRL Ohio EC back to fill
us in!

Stan returns to us on
September 25th to talk
about the new **ARES®**

Connect System, the upcoming SET
(Simulated Emergency Test) and other hap-
penings Statewide.

Join us at Mahle's in Westlake (on Detroit
Road near Columbia) to hear Stan cover the
latest on Tuesday, September 25, 2018. See
the adjacent for information.

Entrée options are:

- **Chicken Parmesan with Spaghetti**
- **Salmon with a baked potato and a vegetable**
- **Prime Rib with a baked potato and a vegetable**

Salad, bread, water, coffee, tea, and
soft drinks are included.

Appetizers, desserts, and alcoholic beverages
can be purchased separately.

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

A handicapped entrance is available in the back;
there are stairs in the front.

Reservations must be submitted by
Sunday evening, September 23rd.

We hope to see you there!

OFFICERS and TRUSTEES

Bryan Torok President	N8OOF btorok@sbcglobal.net
Eric Jessen VP, License Trustee	N8AUC 440-734-3146
Jeff Kopcak Vice President	K8JTK k8jtk@arrl.net
Ken Kane Secretary	KG8DN 440-473-8078
Jeff Garvas Treasurer	N8YNR 216-496-3928

TRUSTEES

Dave Andrzejewski Technical	KD8TWG 330-353-9754
Marv Grossman Membership	W8AZO 440-248-0031
Andrew Kahn	W8ALIV 937-681-1516
Eddie Stevens Venue	KD8FTS 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

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Dave Andrzejewski Radio Officer	KD8TWG 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, K8JTK

The August meeting was at **Play Arcade and Kitchen** in Mayfield Heights. Our own Eric Jessen, N8AUC, gave an interesting presentation on using solar power at Field Day on the cheap. Eric detailed how he bought an inexpensive 100 watt solar panel system and charge controller at Harbor Freight for less than \$200. Eric started the presentation by explaining the different type of solar panels available, along with the costs and other pros and cons. He also explained the need for a charge controller and how that also protects the storage battery when the sun is not shining.

As I'm writing this, I'm struck with how timely his presentation was. The cable news stations have been reporting on Hurricane Florence that is about to hit the east coast. Already 17,000 people are reported to be without power and the storm has not made landfall. The governors of North Carolina and South Carolina are stating that there will areas of their states that may be without power for up to two weeks. They pointed out that even if you happen to be lucky enough to be in an area with cell phone service, phone batteries only last for a day or two.

Now a small system like the one described by Eric won't run your whole house. But, it could be adequate to charge your cell phone, laptop computer, provide LED lighting, and power a small AM-FM radio. That much power could go a long way to making living through a power outage much less unpleasant and having info from the outside can relieve stress. Of course, as Hams, we would also be able to power our transceivers, albeit with some limitations.

The September meeting will be at **Mahle's Restaurant & Lounge** in Westlake. We have been there before and it received positive reviews. Details are on the front cover.

WWV and WWVH May Shut Down in 2019

I reported last month that per the ARRL, "The National Institute of Standards and Technology (NIST) FY 2019 budget request includes shutting down

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.** Trustees meet at one of the Cuyahoga County Public Library branches. Contact a trustee or check the website at www.leara.org for details.

**Prez
cont.**

(continued from page two)

“NIST radio stations in Colorado and Hawaii” — in other words, WWV and WWVH.” Since then there has been some controversy as which services are on the chopping block. It has been pointed out that ALL transmitters in Boulder, Colorado and in Hawaii are included in the budget proposal.

Industry sources at La Crosse Technology and Casio feel it is unlikely that this proposal will actually go through as there are an estimated 50 million users of the time signals in the United States. Many people don't realize that their bedside alarm clock contains an embedded WWVB receiver. Other uses include wrist watches, weather stations, irrigation systems, and even some modern appliances.

Of course this will have a special affect on Hams and SWLs who also rely on the NIST transmissions for info on propagation conditions. I urge you to contact your elected representatives and protest shutting down the NIST transmitters.

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
16 2pm ARES® at Cuyahoga County EOC	17	18 ARES® 80m 7:15 pm OSSB 8 pm OHDN	19 8:30 pm Skywarn Net 146.76/R then Practice S'plx	20 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL	21	22
					September	
23 8am Cleveland Hamfest in Berea Ride for Miles was cancelled	24	25 LEARA Dinner Meeting 6:30 pm at Mahle's in Westlake	26 8am Belle- faire Biathlon Register 8:30 pm Skywarn Net 146.76/R then Practice S'plx	27 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL	28	29
30	1	2 ARES® 80m 7:15 pm OSSB 8 pm OHDN	3 (Skywarn nets are on hiatus until March except for weather emergencies.)	4 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL	5	6 ACS Making Strides Against Breast Cancer 5k Walk Register
7	8	9 ARES® 80m 7:15 pm OSSB 8 pm OHDN	10	11 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL	12	13
					October	
14	15	16 ARES® 80m 7:15 pm OSSB 8 pm OHDN	17	18 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL	19	20
21 2pm ARES® at CCPL in Independence	22	23 ARES® 80m 7:15 pm OSSB 8 pm OHDN	24	25 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL	26	27
28	29	30 LEARA Annual Meeting of the Corporation at Vittorio's in Wickliffe				



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

September 2018 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 the month of August:

Checkins for August 2018

AB8M	Doug	KB8VXE	Carl	N8JIW	Don
AC8JR	Andy	KC8FQV	Mark	N800F	Bryan
AD8AA	Jeff	KC8KSU	Sarah	N8TCP	Roger
K2WJS	BILL	KD8ACO	David	N8UPZ	Bill
K8CVM	Chuck	KD8AJZ	Rich	N8UUC	Dave
K8EHP	Mike	KD8FTS	Eddie	W8DKA	Doug
K8JTK	Jeff	KD8HER	Aaron	W8IE	Ed
K8RJH	Ron	KD8YDG	Bill	W8TAB	Tom
K8SAS	Steve	KE8IPK	Scott	W8LIV	Andrew
K8SHB	Joel	KG8DN	Ken	W88ROK	Ed
K8WLF	Fritz	N8AGM	Tom		
KB1QH	Nathaniel	N8AUC	Eric		

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

For October and November, the tentative scheduled NCOs are:

09/27/18	Carl	KB8VXE
10/04/18	Eric	N8AUC
10/11/18	Ken	KG8DN
10/18/18	Steve	K8SAS
10/25/18	David	KD8ACO
11/01/18	Andrew	W8LIV
11/08/18	Bill	K2WJS
11/15/18	Carl	KB8VXE
11/22/18	TNXgiving	No Net
11/29/18	Eric	N8AUC

The Digital Communications Net is held every Thursday on LEARA's 146.880 MHz (-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 on the 146.760 repeater. Be sure to visit the web page at www.ccskywarn.org for more information and training sessions

Thursday Net NCOs

K2WJS	BILL	KG8DN	KEN
K8SAS	STEVE	N8AUC	ERIC
KB8VXE	CARL	W8LIV	ANDREW
KD8ACO	DAVID		

Do you know K2??? How about ??UPZ? Do you recognize the voice. Have you met them in person? What about N800F? 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, October 21, 2018, at the Independence branch of the Cuyahoga County Library System. See website for more information.

For more information go to www.ccares.us.

Sunshine report

We have some get well wishes for Gerri Kopcak (N8GTK)

We also want to send out a HI to Dave Foran (WB8APD)

Upcoming Hamfests and Conventions

from www.arrl.org

09/22/2018 | [2018 Bloomington Indiana Hamfest](#)

Location: Bloomington, IN

Type: ARRL Hamfest

Sponsor: Bloomington Amateur Radio Club

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

[Learn More](#)

09/22/2018 | [OH-KY-IN ARS Hamfest](#)

Location: Cincinnati, OH

Type: ARRL Hamfest

Sponsor: OH-KY-IN Amateur Radio Society

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

[Learn More](#)

09/23/2018 | [Cleveland Hamfest and Computer Show](#)

Location: Berea, OH

Type: ARRL Hamfest

Sponsor: Hamfest Association of Cleveland

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

[Learn More](#)

Volunteer Exam Dates and Locations

from www.arrl.org

09/19/2018 | [Stow OH 44224-4097](#)

Location: Stow-Munroe Falls Public Library

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

[Learn More](#)

10/06/2018 | [Kirtland OH 44094-8500](#)

Sponsor: Lake County ARA

Location: Kirtland Library

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

[Learn More](#)

10/06/2018 | [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](#)

10/11/2018 | [Cuyahoga Falls OH 44221-3205](#)

Sponsor: Cuyahoga Falls ARC

Location: Cuyahoga Falls Library

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

[Learn More](#)

Candidates Biographies for Election or Re-Election to the LEARA BOARD OF TRUSTEES - Three Year Term

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, I was more recently employed as bailiff/deputy clerk of Highland Hills Mayor's Court.

Marv is now happily (and totally) retired, so 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

Candidate Biographies, cont.

Ron Hollas, K8RJH



I have been active in amateur radio since licensed in 1968, having served as net control for several HF-SSB nets, enjoying the participation of numerous public service activities, and selected as the Club President and Trustee of the Amateur radio club at Texas A&M University (W5AC – HF Station and Repeater) when I attended there for my BSEE degree.

I have always worked in the High-Tech field, Collins/Rockwell, Alcatel, Harris, Analog Devices, IFR, Indiana Telephone before moving to the Cleveland Area. In each of these assignments, I have maintained activities in the Amateur Radio community and saw our service to the community evolve and grow from the crystal tube days to integrating IOT devices and applications for worldwide access.

Currently, I have relocated into the Cleveland area and established my QTH presence (closer to grandkids). In my new assignment at the Breakthrough School District as the IT Infrastructure Manager, I have taken the opportunity of introducing STEM programs (such as Amateur Radio Experiences) to our local youth. Additionally, I have personally become active with the Cuyahoga County ARES completing numerous FEMA certifications for understanding the basic supporting requirements for community service.

As a trustee, I look forward in leveraging LEARA programs with member's talents, relationships and experiences within our Amateur Radio community with a focus on attaining the Club's Mission and Purpose with innovative public service capabilities.

Ron Hollas, K8RJH

Steve Spisak, K8SAS



My interest in radio started awhile ago when my Dad strung a long wire in the attic rafters and hooked up his old wooden Philco multiband radio so that I could tune in English broadcasts from around the world! Then some of us kids in the neighborhood got walkie talkies and modified them by attaching long wires to the antennas. Worked pretty good too! Not bad for my first HT and needless to say, I was hooked.

Too soon we grow up and some of our dreams had to be put on the back burner. I worked for Western Electric for 22 years but then came the Bell System breakup so I went back to school and received a Associate Degree in electronics. I entered the IT field and becoming a senior tech, I would be placed on a job site for months at a time which was great, but retirement was on the horizon and my curiosity about radio was slowing coming forward. Ham radio became my new quest and then I got my extra ticket so now I can combine a great hobby with public service.

That brings me to present times enjoying being a net control for ARES, LEARA, SkyWarn and co-net control for the Hamnation DMRnet along with volunteering for various events. A lot of technology has come about since the days of the old Philco and whether it was the thrill of a foreign broadcast, or breaking up a HF pileup today, that excitement is still here. This is where I see LEARA today, on the leading edge of this technology. Whether it's helping out new or seasoned HAMS, it's important to share our knowledge and excitement which is HAM radio!

Steve Spisak, K8SAS

Candidate Biographies, cont.

Eddie Stevens, KD8FTS



I am a native Clevelander currently living in Parma. 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.

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 with as many public services events as I can. I have been a LEARA trustee for six years, and I have been responsible for making the arrangements for the club dinner meetings for many of those years. As a LEARA trustee, I will work to ensure that LEARA remains one of the premier amateur radio clubs in Northeastern Ohio.

Eddie Stevens, KD8FTS

Bryan A. Torok, N8OOF

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

President, 2016 to present

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 By-laws 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. 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.

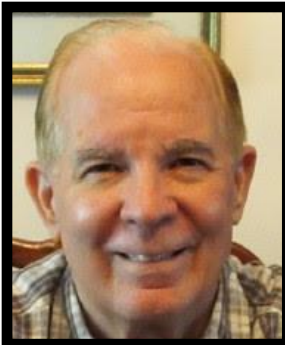
Biographies Concluded

(Continued from page 7)

"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 A. Torok, N8OOF

Ed Zorn, KE8ZZ



My interest in radio began as an SWL (Short Wave Listener) in grade school. I was licensed as a Novice in 1982 and presently hold the Advanced call KE8ZZ.

I am a member of ARES and have worked many public service events beginning with the Revco Marathon in 1983. I am an Army vet including a year with the 2nd Infantry Division. Used the GI Bill after discharge in 1968 to attain a background in electrical/electronics technology.

My employment has been with The Cleveland Electric Illuminating Electrical Test Dept. (CEI), Republic Steel Corporation 84" Hot Mill Electrical Foreman, TRW Data Systems, Xerox Connect and National City Bank. I retired as a Team Leader from the PNC Corp in 2011. I look forward to the opportunity of serving LEARA as a Trustee.

Ed Zorn, KE8ZZ

LAKE ERIE AMATEUR RADIO ASSOCIATION TRUSTEES' MEETING

MINUTES OF THE MEETING

08 September 2018, at the Garfield Heights Branch of the Cuyahoga County Public Library
(subject to revision)

Present: KG8DN, WA8LIV, K8JTK, N8OOF, W8AZO, N8AUC, KB8VXE, KD8TWG, KD8FTS (by teleconference) and N8YNR.
Guests: KB8VXE and K8RJH

Call to Order: N8OOF called the meeting to order near 9:25 AM.

July Board Minutes: WA8LIV moved and K8JTK seconded that the minutes of the board meeting in July be approved as published. Passed.

Membership Report – W8AZO: LEARA has 148 members to-date.

October Election process – WA8LIV:

Andrew expressed thanks to all who agreed to be candidates for this year's board election – there are six candidates, including three incumbents (W8AZO, KD8FTS, N8OOF) and three new candidates (K8RJH, K8SAS, KE8ZZ). Eddie suggested that we skip the September "venue survey" because of the impending election. Discussion. Seconded by KG8DN; passed 6-1.

Venue Report – KD8FTS: Eddie summarized our venue locations as follows: Mahle's in Westlake for September, Vittorio's in Wickliffe for October, Teamz Restaurant on the West Side for the 2018 November holiday dinner, Corky & Lenny's for January, My Friends Restaurant for February. The Venue committee (KD8FTS, KD8TWG) will meet to discuss options for the holiday meeting to be held next year, in November 2019.

LEARA Badges – W2THU (presented by W8AZO): Marv reported that Bob has been sending out LEARA badges to new members at his own expense. He estimated the cost, including badges and mailing, at nearly \$8 per badge. Marv suggested that we

(Continued from page 8)

tell members requesting badges that they pick them up, when available, at the first club meeting they attend. The first badge for a new member is free, and replacement badges will be \$8. W8AZO will find out what Bob would like for reimbursement (per badge) and get back by email to Trustees.

Newsletter – KG8DN: Ken's term on the board will end in November 2019 and he does not intend to apply as a candidate for re-election. He alerted that the newsletter will need a new editor by that time and he will be available to help in the transition. He has enjoyed what will become his nine years as editor and looks forward to helping find someone interested in continuing this important service for the club.

Technical Committee – KD8TWG: As public service season concludes Dave's focus will turn again more toward servicing the LEARA repeaters. The consensus was that the repeaters seem to be performing adequately. '76 has two inputs -- in Lakewood and Newbury. Dave will work toward getting the Case (3rd) input back on the air and start looking ahead toward improving our reach to Lake County. He expressed thanks to Bill Hess, K8SGX, who has material resources that have served well in helping us to maintain our repeaters. At the '76 main input site, he will assess interference from lighting equipment. The new '88 antenna is now available and awaiting installation, and he asked that someone else be found to take the lead on this project. N8AUC will do some contacting. KD8TWG will be working on the '88 controller to fix the DTMF capabilities; once internet access at '88 has been improved, the Fusion repeater will become functional.

Treasurer's Report – N8YNR: Jeff distributed his "LEARA Financial Analysis & Report." The report indicated that our internet charges are high, and he recommended that we examine other options for internet access at the Lakewood site as a cost-cutting effort. Dave KD8TWG moved and Andrew WA8LIV seconded that we discontinue the practice of sending complimentary hardcopies of the newsletter to non-club-members. Passed 7 to 1. N8OOF thanked N8YNR for his very informative report.

N8YNR offered to help KD8TWG with DSL work at the repeater sites, and Jeff will explore other options to address our tower needs. We briefly discussed options for relocating the 444.4 MHz repeater but took no action.

LEARA Status, What Will We Do – N8OOF: Andrew, WA8LIV, expressed that we need to work on motivating our membership to improve their interest in volunteering to help at LEARA events. There was disappointment in the lack of help with the LEARA Field Day, and those who supported it in 2018 are not planning to continue next year. N8OOF agreed that Field Day and Picnic participation were disappointing, even though we had made the usual pleas through announcements. Ron, K8RJH, stated that he has experienced other clubs having success in securing help with running events by contacting members directly or through committees. N8AUC also endorsed direct phone contact as the best method of seeking and obtaining help with staffing, such as (for example) at public service events. Animated discussion ensued regarding the value of direct personal appeal as well as in reviewing the status of club participation, especially in the summer meetings. Ron, K8RJH, accepted an appointment as a Communications chair for the club. W8AZO, who had inherited the use of MS Access software to manage the club as Membership chair, indicated that he sees a need for someone else to engage in recruiting new members. The use of Civ-iCRM software was encouraged as an effective medium for managing club membership data and events. KD8TWG said he didn't like the idea that LEARA was "largely a dinner club." His suggestion, going forward, was that we should attend other "events where nerds convene" such as maker faires, etc., as part of our effort to recruit new club members.

Adjournment: At 12:10 PM, N8AUC moved and K8JTK seconded that we adjourn. Passed.

Respectfully submitted,
Ken Kane, KG8DN, Secretary

Eric Jessen, N8AUC, Presents
SOLAR POWER FOR FIELD DAY
Play Arcade and Kitchen
August 28, 2018



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.