



The Spirit of '76 and '88



February

Newsletter of the Lake Erie Amateur Radio Association

2019

Ken Kane, KG8DN, Editor

Dinner 6:30 PM Meeting 7:30 PM

An Overview of

SKYWARN®

by Mat Nickoson, KC8NZJ

Tuesday, February 26, 2019

My Friends Restaurant

11616 Detroit Avenue, Cleveland, OH



As the Spring Storm season cranks up, LEARA brings back **Mat Nickoson, KC8NZJ**, Cuyahoga County ARES® Emergency Coordinator returns to update us on Skywarn® as it operates both in Cuyahoga county and the Northern Ohio area. See also:

<https://ccares.us/>
www.ccskywarn.org

The February 26, 2019 LEARA meeting will be at **My Friends Restaurant**, located at 11616 Detroit Avenue in Cleveland, OH 44102. As usual, dinner will begin at 6:30 pm followed by the club meeting. The cost of the dinner will be **\$21** 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:

1. Grecian Style Angus Ground Beef Steak
2. Swiss Steak
3. Homemade Meatloaf
4. Chicken Piccata
5. Ocean Perch

All entrees are served with a choice of potato and the Vegetable of the Day.

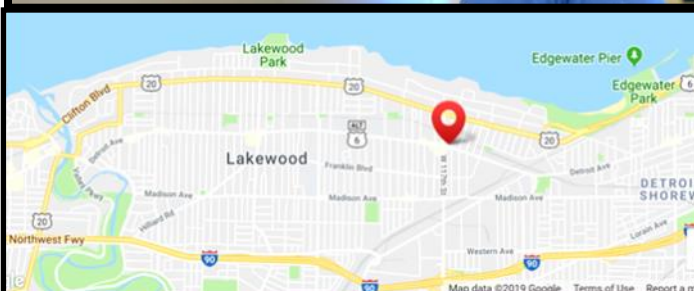
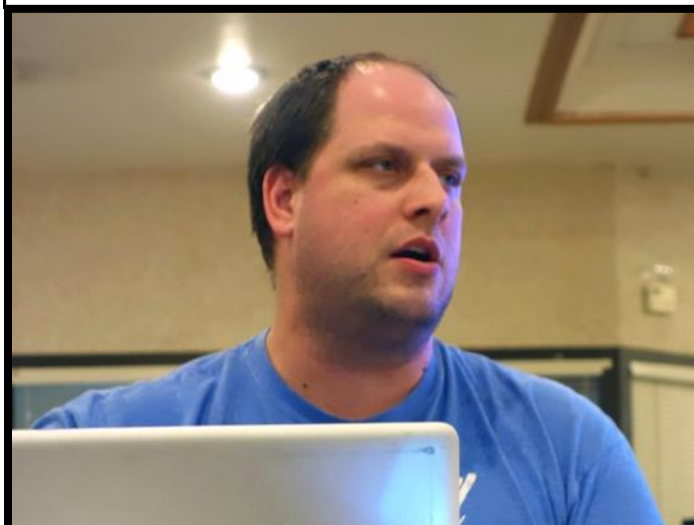
Soup or salad, dinner rolls, water, coffee, tea, and soft drinks are included.

Dessert items may be purchased separately.

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

**Reservations must be submitted by
Sunday, February 24th.**

We hope to see you there.



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and TRUSTEES**

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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
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Proofreading: TNX to
W8AZO, N8YNR

The Bad and the Ugly: In the January column and at the January meeting, I talked about the future of LEARA's Field Day and Picnic. If you missed those, please look up the January newsletter and read the article.

The January meeting was at Corky & Lenny's, a new venue for us suggested by Dave, KD8TWG. We ordered off the menu with a bit of a twist. Management had requested that we preorder to speed up the preparation and service. Wow! I was very impressed. They had cards with everyone's name and order printed on it. I walked in, told them who I am, and within just a few minutes the food started arriving. They have a huge menu including complete entrées for under \$15.

The February meeting will be at My Friends Restaurant on the west-side. Eddie, KD8FTS, has been trying to alternate east and west for meeting locations and has been doing a great job. Advance reservations, along with your entrée selections, are required. Details are on the front page.

Say, did you know that you don't have to wait for the newsletter to find out about future meetings? Future meeting info can be found on the website, www.LEARA.org. Hover over "MEETINGS" at the top or click on "Meetings & Events" in the menu on the left. Finally, click on "Upcoming Meeting Locations". There you will find details for the upcoming meeting along with the locations for future meetings that have been scheduled.

The 146.88 Antenna Installation: (See *antenna photos on page three.*) On December 10, 2018, tower climbers Dave and Jason (recommended by Jim Pracker, K8QOT) installed the new 146.88 antenna. The temperature was in the low 30s with a slight breeze from the south. The antenna is a DB224 comprised of four folded dipoles mounted on the mast on the top of the tower. All of the dipoles face slightly east of due south. This provides 9 dBd of gain in the direction, about 6 dBd of gain east and west, and zero dBd gain to the north. The two fiberglass monopoles mounted in side standoffs are the 444.70 and the 224.90 antennas.

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

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.**



Sun	Mon	Tue	Wed	Thu	Fri	Sat
17 February	18	19 ARES® 80m 7:15 pm OSSB 8 pm OHDN	20 Skywarn nets are on hiatus until March ...	21 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	22	23
24 Dinner Reservation Deadline for Tuesday's Meeting	25	26 LEARA MEETING 6:30 PM My Friends Restaurant	27 ...except for weather emergencies.)	28 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	1 March	2
3	4	5 ARES® 80m 7:15 pm OSSB 8 pm OHDN	6 Skywarn Practice Net 8:30 PM 146.76/R	7 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	8	9
10 EDT begins ARES® Cuyahoga 2pm at CCPL in Independence	11	12 ARES® 80m 7:15 pm OSSB 8 pm OHDN	13 Skywarn Practice Net 8:30 PM 146.76/R	14 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	15	16
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24	25	26 LEARA MEETING 6:30 PM Firehouse Grille In Willoughby	27 Skywarn Practice Net 8:30 PM 146.76/R	28 8 pm LEARA VOICE '76 9 pm LEARA DIGITAL '88	29	30



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

February 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. There will be no net Thanksgiving evening this year.

Checkins for the month of January:

Checkins for January 2019					
AB8UM	Mike	KC8FQV	Mark	N8AHS	Fred
AC8JR	Andy	KD8ACD	David	N8AUC	Eric
AD8AA	Jeff	KD8FTS	Eddie	N8JIW	Don
K2WJS	Bill	KD8OVQ	Joe	N8UPZ	Bill
K8ARP	Arp	KE8CED	Robert	W8DKA	Doug
K8EHP	Mike	KE8GKD	Jodi	W8IE	Ed
K8RJH	Ron	KE8IPK	Scott	W8TAB	Tom
K8SAS	Steve	KG8DN	Ken	WB8ROK	Ed
KB8VXE	Carl	KK8ZZ	Bob		
KB8WUA	Leon	N8AGM	Tom		

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

For February & March, the tentative scheduled NCOs are:

Net Control Schedule		
02/28/19	Mike	AB8UM
03/07/19	Carl	KB8VXE
03/14/19	Eric	N8AUC
03/21/19	Ken	KG8DN
03/28/19	Steve	K8SAS
04/04/19	Bill	K2WJS
04/11/19	Andrew	WA8LIV
04/18/19	David	KD8ACD
04/25/19	Mike	AB8UM

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

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

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

We officially welcome Mike (AB8UM) to our group of net controllers. His first club net will be the last Thursday in February. Check in and let him learn your call.

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, March 10, 2019, at the Independence branch of the Cuyahoga County Library System. See website for more information.

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

For more information go to www.ccares.us.

Sunshine report: (no report)

Upcoming Hamfests and Conventions

from www.arrl.org

02/17/2019 | [InterCity ARC Hamfest](#)

Location: Mansfield, OH

Type: ARRL Hamfest

Sponsor: InterCity Amateur Radio Club

Website: <http://www.iarc.club>

[Learn More](#)

02/24/2019 | [The South Hills Hamfest](#)

Location: South Park Township, PA

Type: ARRL Hamfest

Sponsor: Wireless Association of the South Hills ARC

Website: <http://n3sh.org>

[Learn More](#)

03/03/2019 | [WINTER HAMFEST](#)

Location: Elyria, OH

Type: ARRL Hamfest

Sponsor: Northern Ohio Amateur Radio Society

Website: <http://www.noars.net/hamfests/noarsfest>

[Learn More](#)

03/17/2019 | [Hamfest and Computer Fair](#)

Location: Perrysburg, OH

Type: ARRL Hamfest

Sponsor: Toledo Mobile Radio Association

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

[Learn More](#)

04/07/2019 | [2nd Annual GMARC Technology Expo](#)

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: GM Amateur Radio Club

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

[Learn More](#)

04/13/2019 | [65th Annual Cuyahoga Falls Amateur Radio Club Hamfest](#)

Location: Cuyahoga Falls, OH

Type: ARRL Hamfest

Sponsor: The Cuyahoga Falls Amateur Radio Club, Inc.

Website: <http://cfarc.org>

[Learn More](#)

Volunteer Exam Dates and Locations

from www.arrl.org

02/17/2019 | [Elyria OH 44035-1343](#)

Sponsor: American Red Cross

Location: American Red Cross

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

[Learn More](#)

02/17/2019 | [Mansfield OH 44901-9999](#)

Sponsor: Inter City ARC/HAMFEST

Location: Richland County Fairgrounds

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

[Learn More](#)

02/20/2019 | [Akron OH 44301-2108](#)

Sponsor: Pioneer AR Fellowship

Location: Firestone Park Community Center

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

[Learn More](#)

03/10/2019 | [Independence OH 44131-4841](#)

Sponsor: Cuyahoga ARS

Location: Old Elmwood Recreation Center

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

[Learn More](#)

03/17/2019 | [Elyria OH 44035-1343](#)

Sponsor: American Red Cross

Location: American Red Cross

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

[Learn More](#)

03/24/2019 | [Akron OH 44326-1000](#)

Sponsor: Cuyahoga Falls ARC

Location: Akron Summit Co Library

Time: 2:00 PM (Walk-ins allowed)

[Learn More](#)

04/06/2019 | [Kirtland OH 44094-8500](#)

Sponsor: Lake County ARA

Location: Kirtland Library

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

[Learn More](#)

04/06/2019 | [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](#)



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January 29, 2019
Scott, N8SY, is Back
At Corky & Lenny's in Woodmere



Young Amateurs Radio Club Wants to Pair Youthful Contesters with Big Gun Stations

from www.arrl.org



02/01/2019

The Young Amateurs Radio Club ([YARC](http://www.yarc.world)) Youth Contesting Program ([YCP](http://www.yarc.world)) wants to match groups of enthusiastic young contesters with “Big Gun” stations to gain operating experience during the **CQ World Wide WPX SSB Contest** over the March 30 – 31 weekend. The YCP is a weekend initiative for groups of young Amateur Radio contesters in the US and Canada.

“It will hopefully enable a new dimension of the hobby to young hams who have contested a little before and set a new precedent for the welcoming of a new generation of radiosport aficionados,” explained YARC Board Member Sterling Mann, N0SSC. The 27-year-old electrical engineer, who helps manage YARC programs and outreach, described the initiative as “intentionally flexible, lightly organized, and low-cost.”

“It works like this — we will attempt to pair a small group (up to four) of young contesters interested in operating with a ‘Big Gun’ station owner interested in hosting the youth group,” continued Mann, an ARRL member active in the College Amateur Radio Initiative. “The contesters will operate from the station, and the host has the option to help the youth improve their skills, provide advice, and even operate alongside. We

will try to keep it such that young hams will only require a relatively short drive (ideally no more than 5 hours) to keep travel costs low.”

Mann concedes that this arrangement will require the participation of as many operators and hosts as possible, but suitable matches may not exist at all. He said YARC would try its best to improve the program going forward.

YARC’s YCP is inspired by the efforts of Youngsters on the Air ([YOTA](http://www.yota.org)) and its own **Youth Contesting Program**, as well as **Team Exuberance**, Mann said. He added, “We hope to inspire a big chunk of young hams into becoming the greatest contesters of the 21st century.”

YARC is reaching out to radio amateurs under age 27 or so with at least some contesting experience who would be interested in operating the CQ WW WPX SSB at a contest-grade ham radio station, and to owners of such stations. He urges those interested to **sign up** (scroll down to select your role of station host or operator).

“Because we’re trying to keep costs low by making this a drivable event for our young ops, we can’t promise that you’ll be selected as a host or operator, especially if either no young ops sign up nearby your station or there’s no station near young operators,” Mann said. “Since this is our first try, we probably have a lot to learn about this, so bear with us.”

YARC hopes to announce matches on March 1.

Email with any questions or comments.
ycp@yarc.world

<http://www.arrl.org/news/young-amateurs-radio-club-wants-to-pair-youthful-contesters-with-big-gun-stations>

HamSCI 2019 Workshop Issues Second Call for Papers, Speakers

from www.arrl.org



01/31/2019

Registration is open, and papers are invited for the 2019 **HamSCI Workshop** which

will take place **March 22 – 23 at Case Western Reserve University (CWRU)** in Cleveland, Ohio.

All interested individuals are welcome to attend the event, held in association with the CWRU Amateur Radio Club (W8EDU). HamSCI's Nathaniel Frissell, W2NAF, is interested in signing up additional speakers.

"We are especially looking for speakers with presentations showing analysis of ionospheric observations, ideas and proposals for the design of the Personal Space Weather Station and instrumentation for the 2024 eclipse," Frissell said.

"We will also accept other presentations related to Amateur Radio and science." Speakers already on the roster include ARRL Contributing Editor Ward Silver, N0AX; propagation expert Carl Luetzel-schwab, K9LA, and MIT Haystack Observatory's Larisa Goncharenko.

Email presentation abstracts to hamsci@hamsci.org by February 15.

<http://www.arrl.org/news/hamsci-2019-workshop-issues-second-call-for-papers-speakers>



02/09/2019

HAM RADIO 2019 and the 70th Lake Constance Convention, both organized by the **Deutscher Amateur Radio Club (DARC)**, Germany's International Amateur Radio Union (IARU) member-society, will take **Friday, June 21, until Sunday, June 23, in Friedrichshafen** on Lake Constance.

Contact DARC for discounted accommodations.

"We very much hope that, again, many representatives of the IARU member-societies will be able to attend HAM RADIO," said DARC Secretary for International Affairs Thomas Wrede, DF200.

An informal meeting for representatives of IARU member-societies will take place on June 21. Youth days and a ham rally will take place on Friday and Saturday. On Friday evening, three anniversaries will be celebrated: **70 years of Lake Constance Conventions**, the **90th anniversary of DARC's CQ (DL) journal**, and the **44th HAM RADIO gathering**.

<http://www.arrl.org/news/ham-radio-2019-set-for-june-21-23-in-friedrichshafen-germany>

Microsoft Compatibility Official Steers Enterprise Users Away from Internet Explorer

from www.arrl.org as of February 8, 2019

Microsoft, which transitioned to its new browser *Edge* several years ago, is now advising enterprise users to avoid its legacy browser, Internet Explorer (IE). Microsoft Worldwide Lead for Application Compatibility Chris Jackson said this week that IE isn't really a browser but a "compatibility solution" to deal with legacy sites. Microsoft no longer supports IE with new web standards, which is at the core of the problem.

In [a new blog post](#), Jackson said that, for some organizations, using Internet Explorer as the default for all situations "is the 'easy button,' because, well, most of your sites were designed for Internet Explorer, so...just...always use it, ok?" Jackson said this sort of thinking "seems like a deliberate decision to take on some 'technical debt,'" as he put it.

He said that as the IE standards mode supported more and more standards, "we decided not to just update the mode we called standards mode, because, when we did, we risked breaking applications written for an older interpretation of the standards. So, with Internet Explorer 8, we added IE8 standards, but also kept IE7 standards."

"That meant, for sites in the internet zone, it would default to IE8 standards, but, for sites in the local *intranet* [emphasis added] zone, it would default to IE7 standards."

Jackson said companies' "habit" of paying for extended support for legacy software "needs to stop in the case of IE." He suggests using IE only selectively for internal sites that require it, pointing to tools that help customers make the transition and limit the use of IE to only where it's needed.

"Internet Explorer is a compatibility solution," Jackson concluded. "We're not supporting new web standards for it and, while many sites work fine, developers by and large just aren't testing for Internet Explorer these days."

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 |

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*It's **THAT** time again!*

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