



The LCARA Patch



10 METER ROUNDTABLE
WEDNESDAY @ 20:30 HRS
28.450 MHz

www.LCARA.ORG
<https://groups.io/g/lcarapatch>

LCARA TWO METER NET
THURSDAY @ 19:00 HRS
147.210/R - PL 110.9



The *PATCH*

Published by the Lake County Amateur Radio Association
P.O. Box 868
Painesville, OH 44077-0868

The Patch Staff

Editor: KB8BKE
DX: AA8OY
History: KO8O
Sunshine: W8DMP

LCARA Board

| | | |
|---------------|--------|-------------------|
| Ed Kopcak | KB8BKE | President |
| Vacant | | Vice-President |
| Donna Wheeler | W8DMP | Secretary |
| Paul Wheeler | W8PJW | Treasurer |
| Joe Koskovics | N8JKO | Director at Large |

Voice Repeaters N8BC

147.210 +.600 MHz -PL tone of 110.9 Hz
224.500 - 1.6MHz -PL tone of 141.3 Hz.
444.650 + 5.0MHz -PL tone of 131.8 Hz.
N8BC trustee, Bob Liddy

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| | | |
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| ARES/Public Service | Mike Goffos | WB8ZGH |
| Contest | Bob Liddy | K8BL |
| DX | Jim Pyle | AA8OY |
| Field Day Chair | Jim Pyle | AA8OY |
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| Sunshine | Donna Wheeler | W8DMP |
| Trustee, N8BC | Bob Liddy | K8BL |
| Web Master LCARA | Bill Wihebrink | N8IJG |

Our next club Meeting: May 5th (Zoom)

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Message from the President

Greetings fellow travelers,

We've had a busy April so far. Many of our members have reported tree damage due to the late spring snow event and some experienced power outages. Thankfully, no reports of injuries but some antennas down. Let's be careful clearing up the mess. Living in northeast Ohio is so much fun!

For May's membership meeting we will again welcome Bob Heil as our guest presenter. Bob always has a lot to offer us about the world of audio engineering as it relates to our hobby and it promises to be interesting.

May 8th is World Red Cross Day and the ARC Nationwide Spring Drill Day. Our ARES group, along with other counties, will be participating in the event which this year will be focus on using the Winlink platform, and is basically a message handling exercise using the internet, VHF, UHF and HF. The goal is to demonstrate the abilities of amateur radio in partnering with our served agencies such as the Red Cross.

"The [Red Cross Emergency Communication Training Group](#) is holding its nationwide Spring Drill on World Red Cross Day, May 8. Individuals are invited to participate. In February 2020, an organizing phone call was held with a dozen Red Cross-affiliated radio amateurs to consider creating a nationwide radio drill. By May, the group had more than 100 people on the team calls, and more than 1,000 participated in that first Spring Drill. Synthesizing lessons-learned from the first event, the managing group simplified and narrowed the focus for a Fall Drill last November, choosing to concentrate on Winlink involvement. Red Cross forms are built in as templates in Winlink Express, and hams using Winlink can also send messages to non-hams. The group's goal for the Fall Drill was to attract as many hams as possible using Winlink at a basic level. Over 1700 participated from over 40 states and a few foreign countries. For next month's Spring '21 Drill, the goal is the same, but now the bar will be raised in [Winlink Proficiency](#), and, being World Red Cross Day, more international participation will be solicited. The group has been holding regular Winlink training sessions, with the last one occurring April 8. [Winlink Thursdays](#) have been attracting over 500 participants. - ARC Emergency Communications Training Group"

GCXC has asked us to assist them with their inaugural Cleveland East Side Half Marathon on May 16th. This run starts in Fairport Harbor and winds through Painesville Township before returning to Fairport. If you are interested in coming out to play radio, get in touch with Mike (WB8ZGH) or myself.

Next month, we have a Father's Day brunch (LCHS) and another GCXC run. We will be finalizing plans for Field Day at our June meeting. All in all, lots to do and opportunities to get involved.

Hope you all have an enjoyable Memorial Day weekend!

'73

Membership Meeting Minutes for April 2021

Board Members Present:

KB8BKE – Ed Kopcak, President
W8PJW – Paul Wheeler, Treasurer
N8JKO – Joe Koskovics, Director-at-Large

Attendees:

| | |
|---------------|---------------|
| Ed – KB8BKE | Brad – N8GLS |
| Paul – W8PJW | Joe – N8JKO |
| Mike – WB8ZGH | Ron – NU8N |
| Jim – AA8OY | Cal – W8BZP |
| Lou – K8LAD | Bob – K8QXO |
| Jeff – WA8SAJ | Bob – N8KBX |
| Dale – KG6WGO | Bill – N8WCL |
| Neal – NF1X | Bob – W2THU |
| Paul - KE8PP | Bill – N8IJG |
| Don – WA8TWM | Axel – K8AXX |
| Tom – KE8HJL | Chuck – K8CVM |
| Bill – N8WCL | Tom – KD8SJG |
| Jim – KE8EMP | |

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:30 p.m.
- This meeting took place as an online membership meeting using the Zoom platform.
- **President:** Ed (KB8BKE) welcomed our presenters for this meeting Tom Revolinsky (KE8HJL) and Axel Fisser (K8AXX).

***Presentation Highlights – Red Cross “Sound The Alarm” Program
Presenter: Tom Revolinsky (KE8HJL)***

Tom’s presentation included valuable information on the Red Cross “Sound The Alarm” program. This program offers households up to three free smoke detectors each. Tom is the Disaster Program Manager for the ARC Northern Ohio Region. Several members had questions and comments for him throughout his presentation. We thank him for sharing his time and knowledge with us.

The purpose of Tom’s presentation was to:

- *Provide details about the Red Cross “Sound The Alarm” Program and Fire Safety in the Home.*

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Key Take-Aways from Tom's presentation include:

- *Smoke Alarms Really Do Save Lives*
 - *Tom encouraged everyone to get smoke alarms. Smoke alarms really do save lives. Anyone interested in obtaining free smoke alarms through the Red "Cross Sound The Alarm" program should contact Tom directly at 216-372-9913. Tom can add you to the list.*
 - *Every home should have a minimum of one smoke alarm on every level of the home.*
 - *Sleep with your doors closed to avoid smoke inhalation.*
 - *Avoid installing smoke alarms within 20 feet of cooking appliances.*
 - *Don't install smoke alarms in attics, bathrooms, or garages because humidity may set them off.*
 - *Don't install smoke alarms near furnaces, fire heaters, forced air feeding or cooling vents, exterior doors, or windows, ceiling fans, never in a corner or within four inches of the ceiling or the wall.*
 - *The smoke alarms the Red Cross provide are photoelectric.*
 - *They detect smoldering fires.*
 - *They have a ten year battery.*
 - *It is recommended each be tested monthly by hitting the test button. At minimum do it twice per year.*
 - *Keep them dust free.*
 - *Don't Paint them.*
- *Causes of Fires*
 - *About 50% of fires happen in the kitchen, 1/3 of them due to unattended cooking*
 - *Space heaters, baseboards, fireplaces*
 - *Alarmed and/or small appliances plugged into power strips. Power strips can fail and smoke and catch on fire. They can overload.*
 - *Children playing with lighters.*
- *The Red Cross helps everyone regardless of race, religion, or income level.*
- *The Red Cross provides:*
 - *Immediate funds and case worker referrals for families so they can get hotels, food, and clothing.*
 - *Assists with replacement of loss of medications, glasses, and medical equipment.*
 - *Mental health professionals to assist with coping skills.*

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- *If there is a fatality, the Red Cross provides bereavement assistance.*
- *Tom recommends everyone gets smoke detectors and carbon monoxide detectors for their homes. **If you know anyone who has had a fire, tell them to call 1-800-REDCROSS.** The Red Cross can provide them with assistance 24 hours a day, 365 days per year. Hearing impaired smoke alarms are also available if needed.*

Presentation Highlights – FT8 Digital Modes – Quantify Your Signal ***Presenter: Axel Fisser (K8AXX)***

Axel's presentation included valuable information on FT8 Digital Modes – Quantify Your Signal. We thank him for sharing his time and knowledge with us. Several members had questions for him throughout his presentation.

The purpose of this presentation was to:

- *Learn from each other*
- *Inspire critical thinking and ask questions*
- *Help each other master the subject*

Topics covered in tonight's detailed presentation include:

- *Purpose of presentation*
- *K8AXX Introduction*
- *Invitation to operate FT8 during the presentation*
- *What is FT8?*
- *Setting up your radio for FT8*
- *Live Demo of FT8*
- *Reverse Beacon Network – pskreporter.info*
- *Quantify your signal – How do you know?*
- *FT8 Summary*
- *Discussion*

End of Presentation

- **Additions and/or Corrections to the Patch:** There are no additions/corrections to the Patch.
- **Treasurer Report:** Paul (W8PJW) reported:
 - Provided a Treasurer's report. All good.

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- **Director-at-Large Report:** Joe (N8JKO) reported:
 - Planning to send out reminder to Bob Heil (K9EID) for the LCARA May Membership Meeting Presentation.
 - Always looking for presenters for future meetings. Suggestions are welcome.
 - Planning to update the group with additional information related to the 2021 LCARA Club Picnic in next month's LCARA Patch newsletter.

- **Radio Officer Report:**

- LCARA repeaters are operational..
- Planning to do more work on repeater system.

- **DX:** Jim (AA8OY) reported:

VK0 – Antarctica Updating last week's story of VK0PD, operator VK2PAD, Paul, tells us "at this stage" he will be at Casey Station "until at least November this year

OX – Greenland OZ1DJJ, Bo, will be back as OX3LX from April 8 to May 1.

JD1/O - Ogasawara Islands

JH3QFL, Takio, says he may be on the air as JD1BQA April 23-30, earlier than the May 1-7 previously planned. He will be on 160, 80, 40 and 6, FT8 and FT4, plus CW on satellite RS-44.

JX - Jan Mayen The time for JX2US, Erik, on the island is coming to an end. Weather permitting, he is due back in Norway April 15.

8Q – The Maldives - March 28 to April 10 are the dates for 8Q7MS when M2D/SM6LRR, Mats, is there to operate. He will mostly be on CW with some SSB, on the 40-15 meter bands,

EK – Armenia - The CQMM DX Contest is April 17-18,

OE – Austria - The 4U1A ARCDXC Amateur Radio Contest DX Club has existed since 2014, operating from the UN International Centre (VIC) in Vienna, Austria.

- **Events Public Service:** Mike (WB8ZGH) reported:
 - The Drop Run is April 11th and is shortened to 10 miles.

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- NVIS Day is scheduled to take place on April 24, 2021.
- We will be helping with the Cleveland East Side Half Marathon on May 16th and are seeking volunteer operators..
- **Lake County History Center:** Bob (K8QXO) reported:
 - The Lake County History Center is scheduled for NVIS Day and ARRL Field Day.
- **Nets**
 - Joe (N8JKO) reported: Monday nets are going well. Joe encourages all to check in.
 - Ed (KB8BKE) reported: 2-Meter Net is going well. We are always looking for more participation. Check in if you can.
 - Mike (WB8ZGH) reported: 10-Meter Net is going well. Join us at 28.450 Wednesday nights. Feel free to check in.
- **Sunshine:** Nothing to report

Meeting adjourned at: 9:11 p.m.

###

Sunshine

by Donna Wheeler W8DMP

Nothing additional to report

###

Backscatter for May 2021

by: *Scott Farnham KO8O*

LCARA Historian



75 Years Ago: The first magnetic tape recorder is demonstrated by Jack Mullin.

61 Years Ago: A synthetic ruby crystal laser was first operated at Hughes Research Laboratories in Malibu, California. The laser is a device that produces monochromatic coherent light. Invented by American physicist Theodore Maiman, he was issued U.S. Patent 3,353,115

40 Years Ago: Field Day will again be held at Camp Stigwandish. A challenge is offered to the Lake Geauga Amateur Radio Club, with the winner being the club with the highest average total points per transmitter. No stakes were determined, nor any handicaps offered.

35 Years Ago: Effective March 14, BBS operators are responsible for all traffic handled by their stations, including 3rd party traffic, per FCC PR docket 85 105. Many BBS's plan to shut down completely, other than when a control op is physically present.

The FCC denies a request for wavier by K6ADA, owner of London Bridge Broadcasting, to permit him to use amateur radio in news gathering for broadcast over his commercial low power television station.

30 Years Ago: A new Honda 2.2 KW club generator is ordered, to replace the previous 5 KW unit.

The phone company agrees to reduce the monthly fee for the autopatch phone line from commercial rates to lower residential rates.

29 Years Ago: The space shuttle Endeavour completes its maiden voyage, landing in the California desert.

25 Years Ago: LCARA members nearly sweep the sweepstakes! In the CW category, members win all classes for the entire Great Lakes Division. Tony WA8RJF wins QRP, Ron K8NZ wins Hi Power, and Bob K8BL takes Low Power Class A. Other excellent totals are submitted by N8LXS, WT8C, KG8TS, WD8LTM, WA8TWM, WA8ZTC, and KG8QL.

20 Years Ago: Dee Logan, W1HEO operates from Grenada, J3 for two weeks. Along with friend Paul from Houston plus wives, they make 3605 QSO's, with nearly half of them on 10 meters.

15 Years Ago: In an interview, Fritz, K8WLF reveals that at one time he sang in a Barbershop Quartet, and "still gets back once and a while and 'Busts a few chords' with the guys."

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10 Years Ago: Bob K8QXO has a number of Heathkit items for sale.

The Club's minutes state under Old Business that "Connie KB8ZXZW did not write the check for Reno's new radio."

5 Years Ago: The "Garfield Gang", consisting of Larry K8LPC, Mike WB8ZGH, Ed KB8BKE, and Rick W8QL activate the James A Garfield Home National Parks on the Air (NPOTA) site. 138 QSO's are made. Four weeks later the same gang along with Jim AA8OY, Bill N8IJG, and Doug KD8F make another 187 contacts.

~Scott, KO8O

###

DX Alert for May 2021

by: Jim Pyle AA8OY



BELARUS, EW - Special event station EV76F is QRV as part of the Brest Hero-Fortress memorial station in honor of the 76th anniversary of the end of World War II.

MONGOLIA, JT - Members of the JTDXA Team are QRV with special event call sign JU100DX to commemorate the 100 years since the Mongolian People's Revolution.

SVALBARD, JW - Tom, LA6VDA will be QRV as JW6VDA from Spitsbergen Island, IOTA EU-026, from April 26 to May 9. Activity will be on the HF bands using SSB.

SOMALIA, T5 - Ali, EP3CQ will be QRV as 6O1OO from Mogadishu for two months beginning on April 25. Activity will be in his spare time on the HF bands using mostly FT8.

KALININGRAD, UA2 - Special call signs RK75AK, RK75FF, and RK75FU are QRV until July 31 to commemorate the 75th anniversary of Kaliningrad.

NIGER, 5U — F4IHM, Adrien, is heading back to Niamey, Niger where he plans to once again be QRV as 5UAIHM between May 10 and June 15. Activity will be on CW on 40 and 20 meters.

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VATICAN, HV - New Vatican callsign HV9SMG will be on SSB, CW and digital modes, 1500 watts, dipoles for 40, 20 and 10 and a vertical but will work around Vatican Radio's high power regular shortwave broadcasts.

CHRISTMAS ISLAND - VK9X - Starting May 7th and lasting through May 28th VK6SJ, Steve, will be here as VK9XX concentrating on FT8 on 80, 40 and 30 meters, in his spare time.

FALKLAND ISLANDS, VP8 -- Newly licensed VP8DKP, Clint, is the son of VP8ADR. Bobby Short. Clint is "starting out with HF" Listen for him on FT8 on 40 meters during his evenings.

FALKLAND ISLANDS, VP8 - M0ZMS, Matthew, is being assigned to the RAF station at Mount Pleasant in the Falklands late this month to late August. He will have the VP8ZMS callsign, hopefully able to use the club station hamshack there. He is expected to do digital modes, CW and "some SSB."

MEXICO, XE - 2021 marks the 61st anniversary of the Association de Radio Aficionados de la Republic Mexican (ARARM) and special event stations 6D1A, 6D2A, 6D3A will be QRV from 0601Z April 16 to 0559Z May 16.

Happy hunting!

~Jim, AA80Y

(Thanks to ARRL DX and Weekly DX)

###

Contests: (from the Ohio Section Journal)

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| | | |
|---------|---------------------------------|---|
| 1-May | AGCW QRP / QRP Party | http://bit.ly/3bwH1aZ |
| 1-May | FISTS Spring Slow Speed Sprint | http://fistsna.org/operating.html |
| 1-May | RCC Cup | http://tinyurl.com/76rrphvc |
| May 1-2 | 7th Area QSO Party | https://tinyurl.com/yvmvtymd |
| May 1-2 | 10-10 Spring CW Contest | http://bit.ly/1FrFeBc |
| May 1-2 | ARI DX Contest | www.ari.it |
| May 1-2 | Delaware QSO Party | www.fsarc.org/qsoparty/rules.htm |
| May 1-2 | Indiana QSO Party | www.hdxcc.org/inqp/index.html |
| May 1-2 | New England QSO Party | www.neqp.org/rules.html |
| May 4-5 | MIE 33 Contest | https://tinyurl.com/8dekut84 |
| May 5 | RSGB FT4 Contest Series | http://bit.ly/3mCNXXH |
| May 8-9 | Arkansas QSO Party | https://arkqp.com/arkansas-qso-party-rules |
| May 8-9 | CQWW Foxhunting Weekend | www.homingin.com/joek0ov/nfw.htm |
| May 8-9 | CQ-M International DX Contest | http://cqm.srr.ru/en-rules |
| May 8-9 | Volta WW RTTY Contest | www.contestvolta.it |
| May 10 | RSGB 80m Club Championship, SSB | http://bit.ly/3avHbk3 |
| May 16 | FISTS Spring Unlimited | http://fistsna.org/operating.html |

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| | | |
|-----------|---|--|
| | Sprint | |
| May 19 | RSGB 80m Club Championship, Data | http://bit.ly/3avHbk3 |
| May 15-16 | His Majesty King of Spain CW Contest | http://concursos.ure.es/en |
| May 15-16 | NZART Sangster Shield Contest | http://bit.ly/3aviX6h |
| May 22-23 | Baltic Contest | www.lrsf.lt/en |
| May 23-24 | QRP ARCI Hoot Owl Sprint | www.qrparci.org/contests |
| May 27 | RSGB 80m Club Championship, CW | http://bit.ly/3avHbk3 |
| May 29-30 | CQWW WPX CW CONTEST | www.cqwpw.com |

[TOP ^](#)

###

ARRL News:

[04/12/2021 | Updated Radio Frequency Exposure Rules Become Effective on May 3](#)

The FCC has announced that rule changes detailed in a lengthy 2019 Report and Order governing RF exposure standards go into effect on May 3, 2021. [Read More](#)

[04/22/2021 | ARRL, American Red Cross Renew Memorandum of Understanding](#)

ARRL and the American Red Cross (ARC) have renewed their long-standing Memorandum of Understanding (MOU) for another 5 years. [Read More](#)

[04/21/2021 | Upswing in Solar Cycle 25 Activity May Have Begun](#)

Frank Donovan, W3LPL, says the long-anticipated significant increase in Solar Cycle 25 activity may have begun on April 19. [Read More](#)

04/19/2021 | [Radio Amateur Helps Rescuers to Locate Lost Hiker](#)

The keen eye of ARRL member Ben Kuo, AI6YR, helped to guide rescuers to a hiker stranded on a mountainside on April 12. [Read More](#)

YOTA Announces New Three-Times-a-Year Contest

“Team YOTA” of Youngsters on the Air in IARU Region 1 has announced it will sponsor a new contest, the YOTA Contest. Open to all radio amateurs, it takes place three times a year and runs just 12 hours. YOTA said the aim is to boost on-the-air activity by younger radio amateurs and to support YOTA. The contest will take place on different 12-hour windows on three Saturdays.

The opening event will be on May 22, 0800 – 1959 UTC. The other two in 2021 will be July 17, 1000 – 2159 UTC, and December 30, 1200 – 2359 UTC.



YOTA has established eight different operating categories, which include sub-categories for operators age 25 and younger, but operators of all ages may participate. Covering 80, 40, 20, 15, and 10 meters, the allowable modes will be CW and SSB.

The contest exchange will be the age of the participating operator. Different ages serve as score multipliers during the contest. Stations may work the same station once per band mode.

Contacts between the station’s own continent are worth 1 point, while working DX is worth 3 points. The most points will be achieved by working the youngest operators. “The younger the operator, the more points one will get for the QSO,” YOTA said.

The IARU Region 1 Youth Working Group is working with Hungary’s IARU member-society MRASZ, the Hungarian Amateur Radio Society. MRASZ is providing a contest log robot among other things.

Submit Cabrillo logs only. Contest winners will be announced once logs received have been checked in the various categories. Winners will be awarded with a YOTA Contest plaque.

The contest committee consists of the IARU Region 1 Youth Working Group: Philipp, DK6SP, chair; Markus, DL8GM, vice-chair, and members Csaba, HA6PX, and Tomi, HA8RT.

Contact the YOTA Contest Committee with any questions or further information.

###

Upcoming Hamfests

06/05/2021 - [FCARC SummerFest](#)

Location: Wauseon, OH

Sponsor: Fulton County Amateur Radio Club

Website: <http://k8bxq.org/hamfest>

[Learn More](#)

07/10/2021 - [Mansfield Mid-Summer Trunkfest](#)

Location: Mansfield, OH

Sponsor: InterCity Amateur Radio Club

Website: <http://iarc.club>

[Learn More](#)

07/17/2021 - [NOARSFEST](#)

Location: Elyria, OH

Sponsor: Northern Ohio Amateur Radio Society

Website: <http://noars.net>

[Learn More](#)

07/18/2021 - [Van Wert Hamfest](#)

Location: VAN WERT, OH

Sponsor: Van Wert Amateur Radio Club

Website: <http://W8FY.ORG>

[Learn More](#)

08/07/2021 [DX Engineering Hamfest](#) & [Great Lakes Division Convention](#)

Location: Tallmadge, OH

Sponsor: DX Engineering

Website: <http://dxengineering.com>

[Learn More](#)

08/07/2021 - [2021 Columbus Hamfest](#)

Location: Grove City, OH

Sponsor: Aladdin Shrine Audio Unit

Website: <http://columbushamfest.com>

[Learn More](#)

08/28/2021 - [Cincinnati HamfestSM](#)

Location: Owensville, OH

Sponsor: Milford ARC

Website: <http://CincinnatiHamfest.org>

[Learn More](#)

###

“The first wireless operators were landline telegraphers who left their offices to go to sea or to man the coastal stations. They brought with them their language and much of the tradition of their older profession. In those early days, every station occupied the whole spectrum with its broad spark signal.

Government stations, ships, coastal stations and the increasingly numerous amateur operators all competed for time and signal supremacy in each other's receivers. Many of the amateur stations were very powerful. Two amateurs, working each other across town, could effectively jam all the other operations in the area.

Frustrated commercial operators would refer to the ham radio interference by calling them "hams." Amateurs, possibly unfamiliar with the real meaning of the term, picked it up and applied it to themselves. As the years advanced, the original meaning has completely disappeared.”

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Beginning on April 28, 2021, the National Weather Service will have the ability to append a "tag" to Severe Thunderstorm Warnings to trigger Wireless Emergency Alerts (WEA) for Extreme Thunderstorms:

- A "Severe Thunderstorm Warning" is a storm that can produce 58 mph winds or greater, and/or hail of 1 inch or larger, and/or a tornado
- A "Considerable Damage Threat" tag if the expected threats exist: 1.75 inch diameter hail (golf ball-sized) and/or 70 mph - 79 mph thunderstorm winds.
- There is an ability to append a Destructive Damage Threat Tag if expectations are: 2.75 inch+ diameter hail (baseball-sized or larger) and/or 80 mph+ thunderstorm winds.

When might the NWS use the "Destructive" tag? Situations such as the massive derecho event that took place in the Midwest last year, where a long path of hurricane force wind damage caused an estimated \$11 Billion in damage.

###

QRZ Radio Trivia Quiz:

In what year were Novice operators first authorized to use a transmitter with a VFO?

- A: 1962
- B: 1968
- C: 1972
- D: 1976

Alexander Graham Bell once taught as a Professor at which Boston, Massachusetts University?

- A: Harvard
- B: Boston University
- C: M.I.T.
- D: Boston College

Answers on page 24

###



HAM EXAMS IN LAKE COUNTY EVERY OTHER MONTH

The Lake County Amateur Radio Association VE Team will be holding Amateur Radio licensing exams on the following dates in 2021:

Saturday, February 6 *

Saturday, August 7

Saturday, April 3 *

Saturday, October 2

Saturday, June 5 *

Saturday, December 4

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). Testing sessions are **usually** held at the Kirtland Library, 9267 Chillicothe Road. It is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd). The library is on the left, just beyond the Marathon gas station

*** NOTE THAT DUE TO COVID, the February, April and June tests will be at the Lake County Historical Society, 415 Riverside Drive, Painesville Twp.**

LCHS is located at the corner of Riverside and Route 84, just west of Riverside High School.

The tests will start at **12 noon**. Please arrive a few minutes earlier.

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To register, you will need a NCVET 605 Form, which will be available at the test. If you would like to complete one ahead of time, be sure it is the Sept 2017 version or later. You can find it by Googling "NCVET quick-form 605" and clicking on the url for a pdf of the form. The FCC now requests you provide a FRN, although your Social Security Number still works, at least for now. If you are new to ham radio and don't have a FRN, Google "New FRN" and follow the apps.fcc.gov link.

Be sure to bring **a copy of your license to the exam**. The cost is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture is also necessary, such as a driver's license. To confirm the location, or if you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320, or scottfarnham@roadrunner.com



###

3rd Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is May 18th, at the Perkins Family Restaurant, located at 700 Mentor Avenue in Painesville. Attendees begin to gather around 8:00am Breakfast orders being taken around 8:30am. This group averages 15-20 people from all around the area. Club membership is not a requirement to attend. Meet other Hams, talk over the news of the day and maybe find a buyer for your spare equipment. Bring your significant other, or a friend, to breakfast. It is a fun gathering.

Due to COVID restrictions, facial covering is required. Seating with the group is limited to 10. Overflow guests will be seated within general restaurant seating..



LCARA Board Meeting

Board Meeting



The LCARA Board currently meets virtually. We will resume in person meetings as soon as it is deemed safe to do so.

Board meetings are usually held at the Tri-Point Medical Center - Physicians Pavilion, lower level in Rm.1002, every 2nd Wednesday.

To find Rm. 1002 using the pavilion entrance, simply continue down the hallway into the hospital and past the food court. You may also enter via the hospital main entrance and take the elevator to the ground floor. The room is located just to the right of the main elevators.

All members are welcome.

Public Service / ARES Events in May

May 8th World Red Cross Day & Nationwide Spring Drill

May 16th Cleveland East Side Half Marathon

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Our Weekly Nets

Lake County ARES Net

The ARES Net is held **weekly on Mondays at 7:30 pm on 147.210/R – 147.255/R**. This directed net is open to all licensed amateur radio operators. You do not need to belong to ARES to participate. This net is provided for operators to verify the proper operation of their stations equipment and capabilities, should they be called upon in the event of an emergency. Volunteer to be Net Control or Alternate Net Control. Prior experience is not necessary. Training will be provided. Everyone is welcome.

2 Meter Net

The 2 Meter Net runs **weekly on Thursdays at 7:00 pm on 147.210/R**. This is an informal net. Participant discussions vary on a range of subjects for the good of the group. It's a great time to ask questions, especially for new operators. List your items related to ham radio that you want to sell or swap and mention any sunshine reports you have to share. We also present the latest weekly edition of the ARRL Audio News. We are always looking for alternate net control operators.

10 Meter Roundtable

The 10 meter Roundtable meets **weekly on Wednesdays at 8:30 pm on 28.450 MHz +/-**. This is an informal roundtable where the group chats about anything that comes to mind and rag chew about any topic or events of the day. You don't need to be a LCARA member, just have at least a Technician license and some 10 meter gear. It's an opportunity to re-connect with friends or make some new ones. Anyone can start it off so don't be shy.

Other Weekly Nets

Monday

06:00-21:00 – BRRO Packet Net – Packet BBS: AB8M@AB8M.#CLE.OH.USA.NOAM or Winlink:AB8M@winlink.org

9:00 am. – Trivia Net – 146.940 (pl 110.9)

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7:30 pm. – Lake County ARES Training Net – 147.210 (pl 110.9) – (b/u 147.255)

8:00 pm. – Geauga Emergency Amateur Radio Service Training Net – (check in on 146.940/R - followed by 147.435 simplex)

Tuesday

9:00 am. – Trivia Net – 146.940 (pl 110.9)

7:00 pm – ARES Ohio District Emergency Preparedness Training Net (**voice**) (Spring/Summer/Fall) 3.902 MHz (+/-)

7:30 pm. – Swap-N-Shop – 147.015 (pl 110.9)

7:45 pm – ARES Ohio District Emergency Preparedness Training Net (**data**) – 3584.500 KHz. 1500 Hz waterfall-**USB** – Olivia 8-500

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Wednesday

9:00 am. – Trivia Net – 146.940 (pl 110.9) –

8:00 pm. – Quarter Century Wireless Association Net – 146.850 (pl 110.9)

8:30 pm. – Lake Co. ARA 10 Meter Round-Table Net – 28.450 MHz (+/-)

Thursday

9:00 am. – Trivia Net – 146.940 (pl 110.9)

7:00 pm. – Lake Co. ARA 2 Meter Net – 147.210 (pl 110.9)

7:00 pm. – ARES Ohio District 10 Training Net – (**first Thursdays**) – 147.015/R - followed by 146.435 simplex

8:00 pm. – Ashtabula Radio Club 2 Meter Net – 146.715 (pl 141.3) – (Echolink node- N8CT/L)

8:00 pm. – Lake Erie ARA 2 Meter Net – 146.760 (pl 110.9) – (back/up 146.880 – pl 110.9)

8:00 pm. – Portage County Amateur Radio Society 2 Meter Net – 146.895 (pl 118.8 – Streetsboro input) (Echolink - use- K8BF-L node #508081)

Friday

9:00 am. – Trivia Net – 146.940 (pl 110.9)

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Saturday

9:00 am. – Trivia Net – 146.940 (pl 110.9)

2:00 pm -. Swan Tech Net – 7.235 MHz

3:30 pm. – Kenwood Hybrid Tech Net – 7.235 MHz

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Sunday

8:00 am – DX 60 Net – 3.880 MHz – **AM mode**

9:00 am. – Trivia Net – 146.940 (pl 110.9)

3:00 pm – ARES Ohio District Emergency Preparedness Training Net – 3584.5 MHz-**USB** (+1500 Hz waterfall) (Olivia 8-500)

4:00 pm. – Drake Tech Net – 7.238 MHz

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Great Lakes Area Winlink Net – Wednesdays - All Day

Check-in process: Send either a basic, plain text message, or use any of the forms/templates using any mode, RF or via Telnet

Include the following: FIRST NAME, CALLSIGN, CITY, COUNTY, STATE, COUNTRY.eg.(RYAN, KB8RCR, REMUS, MECOSTA, MICHIGAN, USA).

Recipient: *KB8RCR (ARRL Assistant Section Emergency Coordinator for Data Management/Special Projects, Michigan Section; and Official Relay Station)*

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Sell, Seek or Trade

Bill Somrak < KB8EB@cooncat.net >

1) Cushcraft **ATB-34** full size 4 element tri-band yagi antenna. Just taken down from tower as I am downsizing. Currently sitting on the ground in my back yard, assembled. I will give this antenna to someone for **FREE**, who is willing to disassemble it to fit their transport situation. **AND WILL USE IT.** Boom is 18 ft. long, but can separate into 3 sections. Elements vary from 28 ft. to 33 ft. but can separate into many sections .. it all depends on what you have to transport it. I have 2 sets of assembly instructions that will go with it.

2) Yaesu FT- 212RH 2 meter FM mobile radio (45W max). Mostly used as a Packet radio, but has seen some mobile use. Tested for power output recently, and finals are good w/manual \$35.

3) Yaesu FT- 747GX HF all mode transceiver. Has full general coverage transmit & receive. Used primarily as a HF mobile rig, it can be used as a home station rig in conjunction with a suitable power supply (13.8v – 25amp) w/manual – \$250.

Bill Wihebrink < 440-943-1703 >

1) Drake TR7 –Transceiver, MS7 – Speaker, WH7 – Wattmeter, PS7- Power Supply, Filters- 1.8KC, 6 KC, 500 KC Manuals & Cables

2) Drake 4 B Line T4XB-Transmitter, R4B – Receiver, MS4 - Speaker & Power Supply, Additional crystals for bands: 10, 18, 24, 27 & 28

3) Icom 275H 100 watt all mode 2 meter transceiver

4) Yaesu FT 817ND

5) Swan 350C w/Power Supply & Cables & Manuals

Mike, KD8JDL has donated 100's of radio tubes from his father's store. If members are in need contact Ed, KB8BKE. No charge.

Check the LCARA website Swap/Sell/Trade page for more equipment available.

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Since 1978

May 2021

| Sun. | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. |
|-----------------------------|---|--|---|---|------|--|
| | | | | | | 1 |
| 2 | 3 ARES Net 7:30pm | 4 | 5 LCARA Mtg. 7:30pm Cinco de Mayo | 6 2 Mtr. Net 7:00pm Dist. 10 Simplex Net 7:00pm Winlink Thursday | 7 | 8 ARC Winlink Drill |
| 9 Mother's Day | 10 ARES Net 7:30pm | 11 | 12 LCARA Board Mtg. 7:00pm 10 Mtr. Net 8:30pm | 13 2 Mtr. Net 7:00pm | 14 | 15 Peace Officers Memorial Day |
| 16 GCXG Half Marathon | 17 ARES Net 7:30pm Tax Day | 18 3 RD Tuesday Breakfast | 19 10 Mtr. Net 8:30pm | 20 2 Mtr. Net 7:00pm | 21 | 22 |
| 23 | 24 ARES Net 7:30pm | 25 | 26 10 Mtr. Net 8:30pm | 27 2 Mtr. Net 7:00pm | 28 | 29 |
| 30 | 31 Memorial Day | | | | | |

QRZ Radio Trivia Quiz Answers

In what year were Novice operators first authorized to use a transmitter with a VFO?

A: 1962

B: 1968

C: **1972 - Correct Answer**

D: 1976

Alexander Graham Bell once taught as a Professor at which Boston, Massachusetts University?

A: Harvard

B: **Boston University - Correct Answer**

C: M.I.T.

D: Boston College

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The Amateurs Code

By Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE..... Never knowingly operate in such a way as to lessen the pleasure of others.

LOYAL..... Offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE..... With knowledge abreast of science, a well built and efficient station and operation beyond reproach.

FRIENDLY..... With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED..... Radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC..... With station and skill always ready for service to country and community.

LCARA was organized for the purpose of furthering Amateur Radio by increasing the technical knowledge and operating proficiency of radio amateurs through continuing education, public service and acting as a vehicle of communication by, between and with the members of the association. LCARA is an incorporated association chartered under the laws of the State of Ohio and is an exempt organization under section 501(c)(3) of the Internal Revenue Code. Contributions to LCARA are fully deductible from Federal Income Tax. Regular and Senior Dues are \$20.00 per year, Students \$10.00. Items may be reprinted by other non-profit publications without prior permission providing credit is given to the original source and The LCARA Patch. Articles from members are welcome.

To receive the Patch via email in PDF format, send an e-mail to: <https://www.lcara.org/contact-us/>

The Lake County Amateur Radio Association

Serving Lake County Ohio since 1978