



## The LCARA Patch



10 METER ROUNDTABLE

WEDNESDAY @ 20:30 HRS

28.450 MHz

[www.lcara.org](http://www.lcara.org)

<https://groups.io/g/lcarapatch>

LCARA TWO METER NET

THURSDAY @ 19:00 HRS

147.210/R - PL 110.9



### LCARA Board

|                   |        |                |
|-------------------|--------|----------------|
| President         | KB8BKE | Ed Kopcak      |
| Vice President    | Vacant |                |
| Secretary         | KE8HJL | Tom Revolinsky |
| Treasurer         | KB8BKE | Ed Kopcak      |
| Director-at-Large | N8JKO  | Joe Koskovics  |

### Patch Staff

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

### Standing Committees

|                     |                |        |
|---------------------|----------------|--------|
| ARES/Public Service | Mike Goffos    | WB8ZGH |
| Contest             | Bob Liddy      | K8BL   |
| DX                  | Jim Pyle       | AA8OY  |
| Field Day Chair     | Jim Pyle       | AA8OY  |
| Program Director    | Joe Koskovics  | N8JKO  |
| LCHS Liaison        | Bob Mekinda    | K8QXO  |
| History             | Scott Farnham  | KO8O   |
| Publicity           | Bob Mekinda    | K8QXO  |
| Repeater            | N8IJG - KB8BKE |        |
| Sunshine            | Open           |        |
| Trustee, N8BC       | Bob Liddy      | K8BL   |
| Web Master LCARA    | Bill Wihebrink | N8IJG  |

***Our next club Meeting: September 7th  
At LCHS and Online via Zoom***

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## Message from the President

Greetings fellow travelers!

Labor Day is upon us. Where did the summer get to? We held our picnic where a good time was had by those who could attend. We hope to schedule a weekend date for next year, so more of our members can manage to fit it into their plans.

If you are looking for something to do this weekend, there is always the "Great Geauga County Fair", running 6 days this year as they are celebrating their 200<sup>th</sup> anniversary. Dave (AD8G) and his group are always looking for hams to help as eyes and ears in various capacities so If you go, check in and say hello. There is also the National Air Show at Burke Lakefront Airport with lots to see and HEAR!

Our ARES team was busy with events also this month. The Lighthouse Half Marathon in Fairport Harbor, the Perry Nuclear Power Plant FEMA Drill at the Lake County EOC and Decontamination Site / Red Cross Care Center at Willoughby Middle school dry runs gave us another opportunity to test communication capabilities and interactions with public safety staff in Lake and surrounding counties. A formal evaluated exercise will be held at both locations in September. Thanks to all who participated.

Operating events in September will also include Ohio State Parks on the Air (OSPOTA) at Mentor Headlands, a Saturday visit to the James A. Garfield Site in Mentor for National Public Lands Week, and we will have our communications trailer at "Touch-a-Truck", held at the Municipal Center in Willoughby Hills.

Our next club meeting is on September 7<sup>th</sup>. Our guest speaker will be Tim Duffy (K3LR) of DX Engineering. This meeting will be a hybrid and held online as well as in person at LCHS. Hope you can attend as it should be interesting.

Hope everyone has as relaxing and enjoyable holiday!

Stay safe and be well

'73

-Ed

## Membership Meeting Minutes for August 3rd, 2022

### Board Members Present:

KB8BKE – Ed Kopcak, President / Treasurer      N8JKO – Joe Koskovics, Director-at-Large  
KE8HJL – Tom Revolinsky – Secretary.

### Attendees:

Cal W8BZP & Penny  
Bill N8IJG & Billie  
Bob K8QXO & Susan  
Bob N8KBX  
Jim AA8OY

Mike WB8ZGH & Fran  
Neal NFIX & Nila  
Cathie AB8GV  
Denise Koskovics

### Meeting Minutes:

As this was our picnic, the formal meeting agenda was waived and a good time was had by all.

Meeting adjourned at: 8:30 p.m.



## Sunshine Report

Nothing to report

## Backscatter for August 2022

by: *Scott Farnham KO8O*

*LCARA Historian*



### BACKSCATTER

**60 Years Ago:** The Telstar 1 communications satellite relays the first trans-Atlantic television signal. It was the product of NASA, AT&T, Bell Labs and the French and British national posts, with Bell Labs doing the actual construction.

Telstar was launched July 10 aboard a NASA Delta rocket and placed in an orbit that provided for a narrow, 20-minute transmission period per orbit. Spherical with solar panels, It used a helical antenna to receive microwave signals from the ground station, which were then rebroadcast to the main receiving station in southern England.

President Kennedy was supposed to launch this historic moment in communications with a trans-Atlantic press conference, but the transmission signal was acquired before JFK was ready, so Ernie Banks may have been the first human image relayed across the Atlantic. Needing to kill a little time, the producers picked up a TV broadcast of a major league ballgame between the Philadelphia Phillies and Chicago Cubs from Wrigley Field.

**40 Years Ago:** The more things change, the more they remain the same. The Patch switches format from 8½ x 11 to the folded size that remained in use for many years.

The annual LCARA picnic is planned by George, WD8OYQ, and Shirley, N8BGL. To be held at Fascination Park, it is to feature sirloin burgers as well as pot luck meals.

**35 Years Ago:** New members: 1<sup>st</sup> readings are held for Reno W4OUE and 2<sup>nd</sup> for Dee, W1HEO.

Ken, N8EIH describes participation in a walleye tournament while a thunderstorm approached. With rods making strange buzzing sounds and sparks jumping through cork handles, Ken, using a wire line, decides to call it a day.

**31 Years Ago:** The World Wide Web is born. Tim Berners-Lee posted the first web pages summarizing his World Wide Web project, a method of storing knowledge using hypertext documents. It included everything necessary to make the web a reality, including the first browser and server.

This post appeared on the “alt.hypertext” newsgroup, ending a journey that began back in 1980, when Berners-Lee was at CERN, the particle physics lab located near Geneva, Switzerland. There, working with collaborator Robert Cailliau, Berners-Lee began the Enquire project, the forerunner to what would become the web.

## The *PATCH*, Published by the Lake County Amateur Radio Association

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**30 Years Ago:** Bob, K8BL reports that strange and unidentified transmissions on 446.00 were traced by hams to parking lot operators at the Cleveland Grand Prix. One call to the FCC office in Detroit, and a FCC enforcement officer came to Cleveland the following day, resolving the problem.

**25 Years Ago:** The FCC assigns the call sign N8BC to LCARA. Previously held by the late Bill Benjamin, the call was requested under the vanity call program.

X YL Sue Bair, N8JCV and Mark Kundrath, KB8FKM are married, leaving the following day for Disney World.

**20 Years Ago:** Under Programs, Editor Ken Deken, KC8OHF writes that “the October 2 meeting will be our annual ‘Homebrew Night!’ Don’t forget to earn the undying admiration of your fellow LCARA members by displaying your skills. (So what if it means that we will all call you with help on our own projects! You still have our respect!).”

**15 Years Ago:** Richard Price of Bulldog Battery provided “insight into new types of batteries ... and that yes, there are some expensive batteries that are very good ... but not cost effective for most people.”

**10 Years Ago:** Despite a slow sign-up start, 22 people attend the Club Picnic. No note is made if the menu changed from the picnic held 30 years earlier.

**5 Years Ago:** Bob, K8QXO “has generously offered to take over the interim publication of the Patch.”



## DX Alert

by: *Jim Pyle AA8OY*



September 2022 DX Alert

**TIMOR-LESTE, 4W.** Satoshi, JH2EUV is QRV as 4W/JH2EUV. Activity is on 40 to 10 meters using mostly FT8. His length of stay is unknown.

**MAYOTTE, FH.** Marek, F4VVJ will be QRV as FH4VVK from Petite-Terre, IOTA AF-027, from August 20 to April 1, 2024.

**THAILAND, HS.** Brad, VK2FY is QRV as HS0ZNR until September 2. Activity is on 160 to 10 meters.

**DJIBOUTI, J2.** J28RC is a new club station located in a US Army military camp.

**JORDAN, JY.** Nart, JY5IB is QRV from Amman and is active on 60 to 12 meters using FT8.

**LITHUANIA, LY.** Special call sign LY770CT is QRV until October 14 to commemorate the 770th anniversary since the founding of the Lithuanian city of Klaipeda. Activity is on all bands and modes.

**FINLAND, OH.** Members of the Scandinavian Young Lady's Radio Amateurs, and DL3KWF and DL3KWR, will be QRV as OH1SYL from Katanpaa Island, IOTA EU-096, from August 21 to 23. Activity will be on the HF bands using CW and SSB.

**ALAND ISLAND, OH0.** A group of operators will be QRV as OG0C from August 22 to 28. Activity will be on 160 to 2 meters using CW, SSB, RTTY, and FT8, with a focus on 30, 17, 12, and 6 meters.

**AUSTRALIA, VK.** Operators Fred, VK2FM, Steve, VK2SPF and Russell, VK4NGN will be QRV as VK2FM from South Solitary Island, IOTA OC-194, from August 19 to 22.

**INDIA, VU.** Station VU2CW is QRV as AT75RADIO until August 21 in celebration of the 75th anniversary of India's independence.

**INDONESIA, YB.** Special event stations 8H77RI, 8H77I, 8H77N, 8H77D, 8H77O, 8I77N, 8I77E, 8I77S, 8I77I, 8I77A, and 8I77RI are QRV until August 20 to celebrate Indonesia's 77th anniversary of independence. Activity is on the HF bands using CW, SSB, RTTY, FM, and FT8. This includes some Satellite activity as well.

**ALBANIA, ZA.** Vladimir, Z35M will be QRV as ZA/Z35M on August 23. Activity will be on 40 to 15 meters using CW and SSB with 5 watts.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX

## The *PATCH*, Published by the Lake County Amateur Radio Association

### **Upcoming Contests:** (from the OSJ/WA7BNM)

|                    |   |   |
|--------------------|---|---|
| Aug. 27-29         | Hawaii QSO Party                                    | <a href="http://hawaiiqsoparty.org">http://hawaiiqsoparty.org</a>                               |
| Aug. 28            | SARL HF CW Contest                                  | <a href="http://bit.ly/H0lqQf">http://bit.ly/H0lqQf</a>   |
| Sept. 3            | AGCW Straight Key Party                             | <a href="https://bit.ly/3ngQSpB">https://bit.ly/3ngQSpB</a>                                     |
| Sept. 3-4          | All Asian DX Phone Contest                          | <a href="https://bit.ly/3HVjkra">https://bit.ly/3HVjkra</a>                                     |
| Sept. 3-4          | Colorado QSO Party                                  | <a href="http://ppraa.org/coqp">http://ppraa.org/coqp</a>                                       |
| Sept. 3-4          | RSGB SSB Field Day                                  | <a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>                                     |
| Sept. 3-4          | SARL Field Day                                      | <a href="http://bit.ly/H0lqQf">http://bit.ly/H0lqQf</a>   |
| <b>Sept. 3-4</b>   | <b>PODXS 070 Club Jay Hudak Memorial 80M Sprint</b> | <b><a href="http://bit.ly/2MkaaNt">http://bit.ly/2MkaaNt</a></b>                                |
| Sept. 4-5          | Tennessee QSO Party                                 | <a href="https://tnqp.org/rules">https://tnqp.org/rules</a>                                     |
| Sept. 5            | RSGB Autumn Series SSB                              | <a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>                                     |
| Sept. 5-6          | MI QRP Labor Day CW Sprint                          | <a href="http://www.miqrp.net/contest">www.miqrp.net/contest</a>                                |
| Sept. 7            | UKEICC 80m Contests SSB                             | <a href="https://ukeicc.com/80m-rules.php">https://ukeicc.com/80m-rules.php</a>                 |
| Sept. 7            | VHF-UHF FT8 Activity Contest                        | <a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a>            |
| Sept. 10           | FOC QSO Party                                       | <a href="http://www.g4foc.org/qsoparty">www.g4foc.org/qsoparty</a>                              |
| Sept. 10           | OSPOTA Contest                                      | <a href="http://ospota.org">http://ospota.org</a>   |
| Sept. 10-11        | Alabama QSO Party                                   | <a href="http://www.alabamagsoparty.org">www.alabamagsoparty.org</a>                            |
| Sept. 10-11        | Veron SLP Contest                                   | <a href="http://bit.ly/2L9eT1L">http://bit.ly/2L9eT1L</a>                                       |
| <b>Sept. 10-11</b> | <b>Worked All Europe SSB Contest</b>                | <b><a href="https://bit.ly/36ubggf">https://bit.ly/36ubggf</a></b>                              |
| Sept. 10-12        | ARRL September VHF QSO Party                        | <a href="http://www.arrl.org/september-vhf">www.arrl.org/september-vhf</a>                      |
| Sept. 11           | North American CW Sprint                            | <a href="http://ncjweb.com/Sprint-Rules.pdf">http://ncjweb.com/Sprint-Rules.pdf</a>             |
| Sept. 14           | VHF-UHF FT8 Activity Contest                        | <a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a>            |
| Sept. 14           | RSGB Autumn Series CW                               | <a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>                                     |
| Sept. 15           | Bavarian Contest Club QSO Party                     | <a href="https://bit.ly/2MDzviG">https://bit.ly/2MDzviG</a>                                     |
| Sept. 16           | AGB NEMIGA Contest                                  | <a href="https://bit.ly/2AWBbRK">https://bit.ly/2AWBbRK</a>                                     |
| Sept. 17           | Feld Hell Sprint                                    | <a href="http://bit.ly/2JcbOwW">http://bit.ly/2JcbOwW</a>                                       |
| Sept. 17-18        | ARRL 10 GHz and UP Contest                          | <a href="http://www.arrl.org/10-ghz-up">www.arrl.org/10-ghz-up</a>                              |
| Sept. 17-18        | ARRL EME Contest                                    | <a href="http://www.arrl.org/eme-contest">www.arrl.org/eme-contest</a>                          |
| Sept. 17-18        | Iowa QSO Party                                      | <a href="http://www.w0yl.com/IAQP">www.w0yl.com/IAQP</a>  |
| Sept. 17-18        | New Hampshire QSO Party                             | <a href="http://www.w1wqm.org/nhqsos">www.w1wqm.org/nhqsos</a>                                  |
| Sept. 17-18        | New Jersey QSO Party                                | <a href="http://bit.ly/1nDlf8V">http://bit.ly/1nDlf8V</a>                                       |
| Sept. 17-18        | QRP Afield  | <a href="http://bit.ly/2QACxFu">http://bit.ly/2QACxFu</a>                                       |
| Sept. 17-18        | SARL VHF/UHF Digital Contest                        | <a href="http://bit.ly/H0lqQf">http://bit.ly/H0lqQf</a>   |
| <b>Sept. 17-18</b> | <b>Scandinavian CW Activity Contest</b>             | <b><a href="http://www.sactest.net/blog">www.sactest.net/blog</a></b>                           |
| Sept. 17-18        | Texas QSO Party                                     | <a href="http://txqp.net">http://txqp.net</a>   |
| Sept. 17-18        | Washington State Salmon Run                         | <a href="http://salmonrun.wwdxc.org/rules">http://salmonrun.wwdxc.org/rules</a>                 |
| Sept. 18           | BARTG Sprint PSK63                                  | <a href="http://bartg.org.uk/wp/contests">http://bartg.org.uk/wp/contests</a>                   |
| Sept. 18           | North American RTTY Sprint                          | <a href="http://ncjweb.com/Sprint-Rules.pdf">http://ncjweb.com/Sprint-Rules.pdf</a>             |
| Sept. 19           | 144 MHz Fall Sprint                                 | <a href="https://svhfs.org/2022VHFSprintRules.pdf">https://svhfs.org/2022VHFSprintRules.pdf</a> |
| Sept. 21           | VHF-UHF FT8 Activity Contest                        | <a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a>            |
| Sept. 22           | RSGB Autumn Series Data                             | <a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>                                     |
| Sept. 24           | AGCW UHF/VHF Contest                                | <a href="https://bit.ly/3lw91PK">https://bit.ly/3lw91PK</a>                                     |



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|                    |                                    |   |
|--------------------|------------------------------------|---|
| <b>Sept. 24-25</b> | <b>W4DXCC Convention</b>           | <a href="http://www.w4dxcc.com">www.w4dxcc.com</a>  |
| <b>Sept. 24-25</b> | <b>CQWW RTTY DX Contest</b>        | <a href="http://www.cqwwrtty.com">www.cqwwrtty.com</a>  |
| Sept. 24-25        | AWA Amplitude Modulation QSO Party | <a href="http://bit.ly/3Qkdp4w">bit.ly/3Qkdp4w</a>  |
| Sept. 24-25        | Maine QSO Party                    | <a href="http://www.ws1sm.com/MEQP.html">www.ws1sm.com/MEQP.html</a>                            |
| Sept. 26           | RSGB FT4 Contest Series            | <a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>                                     |
| Sept. 27           | 222 MHz Fall Sprint                | <a href="https://svhfs.org/2022VHFSprintRules.pdf">https://svhfs.org/2022VHFSprintRules.pdf</a> |
| Sept. 28           | UKEICC 80m Contests CW             | <a href="https://ukeicc.com/80m-rules.php">https://ukeicc.com/80m-rules.php</a>                 |

Check out the WA7BNM Contest Calendar page (<https://www.contestcalendar.com/>) and CQ Magazine for more contests or more details.

### **Upcoming Ham Fests:** (from the OSJ)

|  |   |
|--|---|
| <p><b>09/10/2022 - <a href="#">Ashtabula County Hamfest</a></b><br/> <b>Location:</b> Pierpont, OH<br/> <b>Sponsor:</b> Amigos Radio Club Ashtabula and Ashtabula County Amateur Radio Club<br/> <a href="#">Learn More</a></p>  | <p><b>09/11/2022 - <a href="#">Findlay Hamfest</a></b><br/> <b>Location:</b> Findlay, OH<br/> <b>Sponsor:</b> Findlay Radio Club<br/> <b>Website:</b> <a href="https://www.findlayradioclub.org/">https://www.findlayradioclub.org/</a><br/> <a href="#">Learn More</a></p> |
| <p><b>09/17/2022 - <a href="#">Mound Amateur Radio Assoc. Swap Meet</a></b><br/> <b>Location:</b> Miamisburg, OH<br/> <b>Sponsor:</b> MARA<br/> <b>Website:</b> <a href="http://W8DYY.ORG">http://W8DYY.ORG</a><br/> <a href="#">Learn More</a></p>  | <p><b>09/25/2022 - <a href="#">Cleveland Hamfest</a></b><br/> <b>Location:</b> Berea, OH<br/> <b>Sponsor:</b> Hamfest Association of Cleveland<br/> <b>Website:</b> <a href="http://www.hac.org">http://www.hac.org</a><br/> <a href="#">Learn More</a></p>                 |
| <p><b>10/15/2022 - <a href="#">Portsmouth Radio Club Hamfest</a></b><br/> <b>Location:</b> New Boston, OH<br/> <b>Sponsor:</b> Portsmouth Rado Club, Jett Fire, Shawnee<br/> <b>Website:</b> <a href="http://www.portsmouthradioclub.org">http://www.portsmouthradioclub.org</a><br/> <a href="#">Learn More</a></p> | <p><b>10/30/2022 - <a href="#">Massillon Hamfest (OH)</a></b><br/> <b>Location:</b> Green, OH<br/> <b>Sponsor:</b> Massillon Amateur Radio Club<br/> <b>Website:</b> <a href="http://w8np.org">http://w8np.org</a><br/> <a href="#">Learn More</a></p>                      |

**FINDLAY HAMFEST** is less than 5 weeks away!

Based on feedback from our guests and vendors, we're implementing a few changes and additions (and keeping several popular features) to make the **2022 FINDLAY HAMFEST**, on Sunday, September 11, an even bigger success than last years amazing event!

**PRIZES:** Yes - we'll still offering the chance to HF rig (Yaesu FT DX-10) or a "handy" HT (FT- we'll also have prize drawings every half hour of dollars in gift certificates to be given away so pick up some nice "finds" at the Hamfest!



win a popular 60R) - but with hundreds that you can

**ONSITE HAM LICENSE TESTING:** For the least in a very long time) we're adding onsite, online, license testing. Pass your test on Saturday and have your license by Tuesday (typically). Find out more at [www.FindlayRadioClub.org](http://www.FindlayRadioClub.org) (There's a \$14 fee for license testing, but we'll throw in free admission to the Hamfest.) So upgrade your license and/or bring along your yet-to-be licensed friends.

first time (at

**SPECIAL EVENT STATION:** Come work our special event station. If you hold a Technician license, here's your chance to make some HF contacts! Or bring along your unlicensed friends (or grandkids) and get them on the air for their first time. (And take home a nice certificate.)

**ADDITIONAL FOOD VENDOR:** We're doubling our food vendors, and adding breakfast, to provide greater variety and faster service (and additional seating).

**SAME ADMISSION PRICE AS LAST YEAR:** We're all faced with higher gasoline and diesel prices, but admission to the FINDLAY HAMFEST is still only \$10 - with no additional parking fee. Admission for kids and youth under 18 years old is FREE! Likewise for Scout leaders in uniform. Bring along your kids, your grandkids, your neighbors, your Scout troop, your 4H club... Buy your tickets online at [www.FindlayRadioClub.org](http://www.FindlayRadioClub.org) or at the gate on the day of the event.

**PERFECT WEATHER:** Just kidding... but we had great weather in 2021! We'll keep our fingers crossed.

**Hancock County Fairground: 8AM – 2PM SUNDAY 11 Sept 2022**  
**1017 East Sandusky, Street, Findlay, Ohio 45840**

## Massillon Hamfest

This beautifully restored B-26 is just one of the many planes you will see at this year's Massillon Amateur Radio Club's Hamfest at MAPS air museum in Green, Ohio.



October 30th is the date. MAPS is located at the Canton-Akron Airport and is easily accessible from I-77.

The \$5 admission covers both the Hamfest and a tour of this great WW2-era museum.

Tables are on sale now (\$15) at:

<https://www.w8np.net/index.php/current-area-hamfests/marc-2022-hamfest-vendor-tables>.

For Info- Gerry Sorensen

[club@w8np.net](mailto:club@w8np.net)

## **ARRL News:**

08/26/2022 | [The K7RA Solar Update](#)



On August 18 a new sunspot group emerged, another on August 21, then two more on August 23, and three more on August 25, when the sunspot number jumped to 94 from 46 the previous day. [Read More](#)

08/26/2022 | [Nuclear Power Plant Exercise Includes Amateur Radio Emergency Service](#)



The Ohio Amateur Radio Emergency Service (ARES®) just completed a dry-run exercise for the Perry Nuclear Power Plant in Lake County, Ohio. [Read More](#)

08/19/2022 | [ARRL Welcomes Director of Information Technology](#)



ARRL The National Association for Amateur Radio® has announced the hiring of Steve Berry, N1EZ, into the new position of Director of Information Technology. [Read More](#)

08/15/2022 | [Simultaneous APRS and Voice Repeater on the International Space Station](#)



ARRISS, Amateur Radio on the International Space Station, announced that simultaneous operations of the ARISS Voice Repeater and digital APRS communications on the Space Station are now a reality. [Read More](#)

## QRZ Ham Radio Trivia Quiz

Was it ever allowed to select your call sign by using your initials?

- A: No
- B: Yes

An inductor wound around a resistor attached to the plate lead of a grounded grid power amplifier is used for:

- A: Voltage Regulation
- B: Parasitic Suppression
- C: Self-Neutralization
- D: Improved Linearity

If you were an ARRL OBS, you were certified as which of the following by ARRL during the years that program as active?

- A: You can't say that on the radio!
- B: Operational Baudot Station
- C: Orbital Broadcast Satellite
- D: Official Bulletin Station

ROUGHLY: About how many Earth days does the Sun take to make one rotation on its axis (one "Sun Day")?

- A: 7 days
- B: 10 days
- C: 25 days
- D: 41 days

Answers on page 23



## HAM EXAMS AT THE KIRTLAND LIBRARY

The Lake County Amateur Radio Association's VE Team will be holding amateur radio license exam sessions on the following dates during 2022:

Saturday, October 1

Saturday, December 3

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

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

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 Goggling "NCVEC quick-form 605" and clicking on the URL for a copy of the form. Please note **the FCC requires you to provide a FRN** (FCC Registration Number). Social Security Numbers are no longer accepted. If you are new to ham radio and don't have a FRN, Google "New FRN" and follow the [apps.fcc.gov](https://apps.fcc.gov) link.

If you are currently licensed, be sure to **bring a copy of your license to the exam**. The cost of the exam is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture, such as a driver's license is also necessary.

**In addition** the FCC now charges \$35 to add you to the Amateur Radio database. The FCC will e-mail successful candidates with instructions for payment directly to them. Payment must be made within 10 days of the e-mail. This charge does not apply to upgrades.

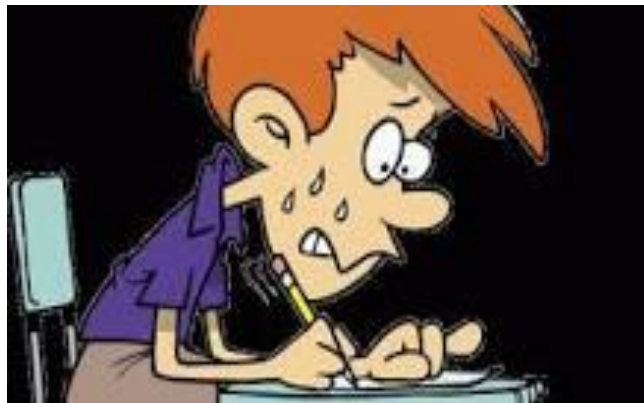
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Please contact Scott Farnham, KO8O, at (440)256-0 320, or [scottfarnham@roadrunner.com](mailto:scottfarnham@roadrunner.com) , if you have any questions,



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## 3<sup>rd</sup> Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **September 20<sup>th</sup>**, 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. Good food and conversation await.



## 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 2<sup>nd</sup> 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.**



## LCARA Public Service and Club Events

|      |                                |                                   |             |
|------|--------------------------------|-----------------------------------|-------------|
| 9/10 | Ohio State Parks On The Air    | Mentor Headlands                  | 09:00-16:00 |
| 9/17 | Touch-A-Truck                  | Willoughby Hills Municipal Center | 10:00-14:00 |
| 9/24 | National Public Lands Day      | James A. Garfield Home            | 09:00-15:00 |
| 9/24 | Great Western Reserve Clambake | LCHS                              | 11:00-13:00 |
| 9/25 | CLE Hamfest                    | Berea Fairgrounds                 | 09:00-14:00 |

### **Geauga:**

The 200th ever Great Geauga County Fair is quickly approaching, and we need YOU! Our responsibilities at the Fair include driving and dispatching golf carts and assisting the Sheriff's Office. To celebrate their 200th anniversary this year, the fair will be **six** days long, starting **Wednesday, August 31**. That means we need more volunteers than ever before! If you haven't volunteered for it before, I can assure you it's a LOT of fun!

Scheduling works differently than other events you may be accustomed to. We staff the event from 9AM-9PM and that's split into three **rough** shifts. You can sign up for as many or as few shifts as you like, and if your schedule doesn't allow for an entire shift, that's not a big deal. **We are extremely flexible!**

[I want to volunteer at the Fair!](#)

## Our Weekly Nets

### *Lake County ARES Net*

The ARES Net is held **weekly on Mondays at 7:30 pm on 147.210/R (b/u 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**

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

20:00 – Geauga Emergency Amateur Radio Service Training Net – (check in on 146.940/R - then moves to 147.435/s)

### **Tuesday**

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

19:15 – Ohio HF Emergency Preparedness Net - 3.910 MHz (+/-) or 7.240 (+/-)

19:30 – Swap-N-Shop – 147.015 (pl 110.9)

19:45 – Ohio Digital Emergency Net - 3.584.5 (USB) - 1500 Hz data carrier offset – Olivia 8-500

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21:00 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

### **Wednesday**

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

20:00 – Quarter Century Wireless Association Net – 147.015 (pl 110.9)

### **Thursday**

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

19:30 – Ohio ARES Dist.10 DMR Net – TG 31395

20:00 – Ashtabula Radio Club 2 Meter Net – 146.715 (pl 141.3) – (Echo link node- N8CT/L)

20:00– Lake Erie ARA 2 Meter Net – 146.760 (pl 110.9) – (back/up 146.880 – pl 110.9)

20:00 – Portage County Amateur Radio Society 2 Meter Net – 146.895 (pl 118.8 – Streetsboro input) (Echo link K8BF-L node #508081)

### **Friday**

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

21:00 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

### **Saturday**

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

14:00 -. Swan Tech Net – 7.235 MHz

15:30 – Kenwood Hybrid Tech Net – 7.235 MHz

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

### **Sunday**

08:00 – DX 60 Net – 3.880 MHz – **AM mode**

09:00 - Trivia Net – 146.940 (pl 110.9)

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10:30 – 16:45 – 18:45 – OSSB Net – 3.9725  
16:00 – Drake Tech Net – 7.238 MHz  
18:00 – Ohio (slow) – 3.53535  
18:45 – Buckeye (early) – 3.580  
21:00 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

### Sell, Seek or Trade

**Brad Williams, K8ZM** [K8zm@arrl.net](mailto:K8zm@arrl.net) Cell: (440) 479-4588

**FOR SALE:** Hy-gain TH5-MKII 5-element (10/15/20m) Tri-band Beam Antenna, asking \$500. Original owner, very good condition, stored in attic, includes all documentation.

**WANTED:** US Tower MA-550 Tubular 55' Crank-Up Tower in good condition, also accessories MAF-550 Raising Fixture and MARB-550 Freestanding Rotor Base.

**Bill Wihebrink < 440-943-1703 >**

- 1) Icom 275H 100 watt all mode 2 meter transceiver
- 2) Yaesu FT 817ND
- 3) Swan 350C w/Power Supply & Cables & Manuals



Since 1978

# September 2022

| Sun.                                    | Mon.   | Tue.                                    | Wed.  | Thu.   | Fri.                    | Sat.                                    |
|---|--|---|---|--|-------------------------|---|
|   |  |   |   | 1<br>2 Mtr. Net 7:00pm<br>Geauga County Fair | 2<br>Geauga County Fair | 3<br>Geauga County Fair<br>CLE Air Show |
| 4<br>Geauga County Fair<br>CLE Air Show | 5<br>Geauga County Fair<br>CLE Air Show<br><br>Labor Day | 6                                       | 7<br>LCARA Meeting 7:30pm<br>10 Mtr. Net 8:30pm     | 8<br>2 Mtr. Net 7:00pm                       | 9                       | 10<br>OSPOTA                            |
| 11                                      | 12<br>LC ARES Net 7:30pm                                 | 13                                      | 14<br>LCARA Board Mtg. 7:30pm<br>10 Mtr. Net 8:30pm | 15<br>2 Mtr. Net 7:00pm                      | 16                      | 17<br>Touch-a-Truck                     |
| 18                                      | 19<br>LC ARES Net 7:30pm                                 | 20<br>3 <sup>RD</sup> Tuesday Breakfast | 21<br>10 Mtr. Net 8:30pm                            | 22<br>2 Mtr. Net 7:00pm                      | 23                      | 24<br>Garfield<br>LCHS Clambake         |
| 25<br>CLE Hamfest                       | 26<br>LC ARES Mtg. 7:30pm                                | 27                                      | 28<br>10 Mtr. Net 8:30pm                            | 29<br>2 Mtr. Net 7:00pm                      | 30                      |   |
|   |  |   |   |  |                         |   |

## QRZ Ham Radio Trivia Quiz

### Answers

Was it ever allowed to select your call sign by using your initials?

A: No

B: **Yes (Correct Answer)**

An inductor wound around a resistor attached to the plate lead of a grounded grid power amplifier is used for:

A: Voltage Regulation

B: **Parasitic Suppression (Correct Answer)**

C: Self-Neutralization

D: Improved Linearity

If you were an ARRL OBS, you were certified as which of the following by ARRL during the years that program as active?

A: You can't say that on the radio!

B: Operational Baudot Station

C: Orbital Broadcast Satellite

D: **Official Bulletin Station (Correct Answer)**

ROUGHLY: About how many Earth days does the Sun take to make one rotation on its axis (one "Sun Day")?

A: 7 days

B: 10 days

C: **25 days (Correct Answer)**

D: 41 days

### 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.

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**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, Family (household) \$30.00, 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.

### *The Lake County Amateur Radio Association*

*P.O. Box 868  
Painesville, OH 44077-0868*

*Proudly serving Lake County & NE Ohio since 1978*

*To contact us, send an e-mail to: <https://www.lcara.org/contact-us/>*

### *Voice Repeaters N8BC*

*147.210 +.600 MHz -PL tone of 110.9 Hz*

*Echo link N9IJG/R Node #665499*

*224.500 - 1.6MHz -PL tone of 141.3 Hz.*

*444.650 + 5.0MHz -PL tone of 131.8 Hz.*