



## 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: June 1st  
At Lake County Historical Society***

**Index**

|  |    |
|--|----|
| Message from the President.....              | 3  |
| Meeting Minutes.....                         | 4  |
| Sunshine.....                                | 6  |
| Back Scatter.....                            | 8  |
| DX Alert.....                                | 10 |
| Contests.....                                | 11 |
| Hamfests.....                                | 12 |
| ARRL News.....                               | 14 |
| VE Testing.....                              | 16 |
| 3 <sup>rd</sup> Tuesday Breakfast Group..... | 18 |
| Weekly Net Information.....                  | 20 |
| Sell, Swap, Buy.....                         | 23 |
| Club Calendar.....                           | 24 |
| Amateur's Code.....                          | 26 |

## Message from the President

Greetings, fellow travelers

As May draws to a close, we pause to honor all those who made the ultimate sacrifice while serving in our nation's armed forces. Remembering why they gave of themselves, how fragile democracy is and that freedom is not free is incumbent on us all.

Our June meeting will feature a presentation by Tony Emanurille (K8ZR) discussing amateur radio operations in the 900 MHz band and microwave propagation. It will be live at LCHS. We will also be going over and finalizing plans for Field Day. Hope you can attend,

There are two public service events this month. The Hill Yeah! Half Marathon on June 5<sup>th</sup>, and the CTC Sunday in June bicycle tour on June 12<sup>th</sup>. If you would like to help with either let Mike or myself know and we will get you the information needed.

Don't forget Dad on the 19<sup>th</sup>.

. Please stay safe and be well

'73

-Ed

Happy Father's Day



## Membership Meeting Minutes for May 4th, 2022

### Board Members Present:

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

### Attendees:

|              |            |
|--------------|------------|
| Ed KB8BKE    | Tom N8UAZ  |
| Neal NF1X    | Cal W8BZP  |
| Mike WB8ZGH  | Tom KD8SJG |
| Larry WB8PHI | Bob K9BL   |
| Tom KE8HJL   |            |
| Jim AA8OY    |            |
| Joe N8JKO    |            |

### Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:30 p.m.
- Tom (KE8HJL) was called away by Red Cross duties.
- This meeting took place as an in person membership meeting at .
- **President – Ed (KB8BKE)**
  - Welcomed those in attendance to the resumption of in person meetings.
  - We had a good turnout for NVIS Day (4/23). Although propagation was poor we did manage 60+ contacts, mostly on WSJT, and one contact on SSB in Ohio.
  - 3<sup>rd</sup> Tuesday Breakfast this month will be on May 17<sup>th</sup> @ 8 am. Masks and distancing not required. All are welcome.
- Additions and/or Corrections to the Patch: There are no additions/corrections to the Patch. A motion was made to accept the minutes as presented. The motion passed.
- **Treasurer Report:** ED (KB8KBE)

We have 97% of members renewed. We did have some account issues which have been corrected. The club treasury is in good shape as are the Hamfest accounts.
- **Secretary Report:** Nothing reported
- **Sunshine:** Nothing reported

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- **DX:** Jim (AA8OY)

### **:May 2022 meeting DX Alert:**

**VU4 – Andaman and Nicobar Islands** On April 28 YL2GM, Yuris, began his journey to the Andaman Islands. This is a one man operation using the call sign VU4W.

**HC8 – Galapagos Islands** HC2FG, Gustavo, is heading to Santa Cruz Island, Galapagos Islands where he will be operating as HD8FG from May 4-8.

**C5 – The Gambia** The C5C license application has been approved and the license is good until April 25, 2023. They plan to be QRV. from May 22 to June 8.

### **A2 - Botswana**

As a reminder VE7VR, Dave, will be there April 28 to May 26, call sign A25VR. He is doing a four-wheel-drive camping safari trip.

**9N – Nepal** Polish DXpeditioners SP9FIH, Janusz, and SP6CIK, Leszek, acquired their 9N7WE and 9N7CI licenses on April 25th and began operations. Listen for them on 40, 30, 17, 15, 12, 10 and 6 Meters. They anticipate being QRV probably until the morning of May 19.

**5X – Uganda** - 5X7W is by SM0HPL, Anders, from Naalya, Kampala. He is on now to May 10 with 5 watts and an antenna on a fifth story rooftop. He is on 40 meters and up, FT8, FT4 and CW.

**C8/9 – Mozambique** - C83YT is QRV until May 14, operator JA7NQQ/1. He plans to mostly be on FT8 weekends and nighttime.

**HB0 - Liechtenstein** - HB0/PG5M is QRV May 8-15, with some radio operating but “holiday activities” mixed in too.

**T8 – Palau** - T88HF, T88SG and T88JH are all planned for May 13-17, by JF1GHX, JK1SZX and JR3QFB.

**KC4 – Antarctica** - At the KC4USV station, Christopher, W2RTO, is the station custodian until the end of February He will be operating FT8 mode.

**KC4 – Antarctica** - Michael, KC4/N4IFD, says he plans to only do FT8 during his time ashore from a cruise ship, maybe a total of four hours over six days he’s there, starting about February 17, ice, wind, and seas permitting.

**5B – Cyprus** - DK6SP, Philip, is moving to Cyprus temporarily and plans to be QRV as 5B4AQC in his spare time between January 27 and July 27.

**A9 – Bahrain** - BARS, the Bahrain Amateur Radio Society, will be on the air to highlight “Bahrain Sports Day,” call sign A91SD, February 3-9.

**P4 – Aruba** - K3DMG, Lee is back on Aruba and QRV as P4/K3DMG for “much of the winter”. He will be there until the end of March. Lee will be operating casually with an emphasis on CW, RTTY and digital modes.

**Z2 - Zimbabwe** - DJ7TF and DL7BO, call signs Z21A and Z22O, will go to Harare, February 3-20. They’re planning 160-10 CW, SSB and FT8/4,

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**Z8 - South Sudan** - YI1DZ, Diya, is again in Juba, call sign Z81D. He has been active on 40-10M FT8

### Field Day 2022 Planning

Jim reminded all that Field Day is June 25 and June 26 and we will be at the Lake County Historical Center with have access to the main house, meeting hall, infirmary and adjacent field and the side lawn where we set up the trailer. The barn and main parking lot will be off limits during the day Saturday due to a planned private activity.

He mentioned also that those wanting to assist with set up on Friday or tear down on Monday, as well as those wanting to operate during the event, should please contact him asap as few have done so to date. A sign up sheet was circulated to the group.

Ed (KB8BKE) added that he club would be supplying burgers, hot dogs and refreshments for dinner on Saturday and that hopefully some might bring side dishes and desserts. Please contact Jim or Ed.

- **Events Public Service:** Mike WB8ZGH

Volunteers needed for the for the following events:

- Hill Yeah! Half Marathon – June 5<sup>th</sup>
- Sunday in June - 12<sup>th</sup> at Burton Century Village (tentative)
- ARRL Field Day – June 25<sup>th</sup> and 26<sup>th</sup>.

- **VE Testing:**

The next scheduled testing session will be on Saturday June 4<sup>th</sup>, at the Kirkland Public Library. Start time is noon for all license classes.

- **Nets:**

Monday: 7:30 pm. – Lake County ARES Training Net – 147.210 (pl 110.9) – (b/u 147.255 – no pl)

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

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

- **Lake County History Center:** Ed (KB8BKE) reported:

Nothing to report

- **Director-at-Large Report: Joe (N8JKO)**

Reported we expect to have Tony Emanuel as a presenter in June and is looking for additional people to give presentations.

- **Radio Officer: Bill N8IJG**

Mention was made by members about interference heard on 147.210 and 147.255 repeaters. Observations are planned to gain more information.

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- **50/50 Raffle:**

Two door prizes were available this time. Neal (NF1X) won a 2020 edition of the ARRL Handbook - still in wrapper. Joe (N8JKO) won an ARRL official Field Day 2020 coffee mug – still in box. Neal also won the cash prize which he generously donated back to the club.

- er

Meeting adjourned at: 8:45 p.m.

Ed (KB8BKE)

###



### Sunshine Report

Nothing to report

## Backscatter for June 2022

by: *Scott Farnham KO8O*

*LCARA Historian*



### BACKSCATTER

**125 Years Ago:** Physicist J.J. Thomson discovers something smaller than an atom, a particle with a minuscule mass and a negative charge.

Director of Cavendish Laboratory at Cambridge University, Thomson was researching electrical currents inside cathode ray tubes. He observed that the rays are deflected by an electric field.

Researchers had been puzzled by cathode rays until Thomson theorized that the rays were in fact streams of small subatomic particles, the first known. He called them “corpuscles,” the Latin for “small bodies.”

Thomson figured his negatively charged corpuscles accounted for about one-thousandth of the mass of a hydrogen atom (1/1837 is the accepted ratio today), matched by a positive charge elsewhere in the atom. Thomson was vague in 1897 but later theorized that these electrons swarmed around in a “sphere of uniform electrification.”

He was awarded the 1906 Nobel Prize “in recognition of the great merits of his theoretical and experimental investigations on the conduction of electricity by gases” and was knighted in 1908.

**40 Years Ago:** How did he know? Bob, K8BL, speculates the future may bring the “fully automatic QSO”, where one arranges a time and frequency, and programs a message into one’s computer. “When ... the bands are quiet the computers contact each other and exchange their traffic. When you get home, you check your printer and retrieve your messages.”

**35 Years Ago:** Slow Progress: The FCC granted an ARRL request for extension to July 31 of a proposal for private sector issuance of call signs. Only the government could extend three months into what became nine years.

**30 Years Ago:** 9N1MM SK. Father Moran, for many years the only active ham in Nepal, died at age 85. A Jesuit priest who spent more than 40 years in the Himalayan kingdom, 9N1 Mickey Mouse emigrated from Chicago to Nepal, and for a time served as the Minister of Telecommunications.



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**25 Years Ago:** LCARA's Wednesday night .81/.21 net begins. Need a QSL address, help for an antenna party or a technical problem? Bring your questions and comments. It's free. No reservations needed; jacket optional.

The BS7H DXpedition to Scarborough Reef was cut short after three days. Jim, KF8VX reports that with the reef being claimed by both China and the Philippines, visits were made to the station by the Philippine Air Force and Navy. Although the military was polite to the DXers, the message was received clearly, with the hams quickly weighing anchor.

The ARRL asks the FCC to postpone it's proposed increase in vanity call licenses from \$30 to \$50 until all four vanity call sign gates have been opened.

**20 Years Ago:** ARRL Liaison Jim, KF8VX reports that nothing new is happening at the ARRL.

Jim, KC8EBR talks his way out of a citation at the club's picnic.

**15 Years Ago:** With the total elimination of the code requirement, LCARA plans an Extra class, to be held twice a week for four weeks, and to be taught by Jim, KF8VX and Don, WA8TWM.

220 anyone? Radio Officer Matt, KB1LCS reports the 2-meter repeater is not working properly, and the 440 unit has problems. He and Fritz, K8WLF will determine what repairs are required.

**10 Years Ago:** PRB-1 is signed into law by governor Kasich.

Dick Wilson, WD8DW, SK.

**5 Years Ago:** Do not try this at home. The FCC Enforcement Bureau issued a Notice of Violation to KD6LUL of Vista CA for pirate broadcasting on 93.7Mhz.

## DX Alert

by: *Jim Pyle AA8OY*



### June 2022 DX Alert

**MAURITIUS 3B8** Fabian, DF3XY is QRV as 3B8/DF3XY until June 2. Activity is holiday style on 40, 30, and 20 meters using SSB and FT8.

**GUINEA, 3X.** Jean-Philippe, F1TMY is QRV as 3X1A from Conakry. Activity is on 160 to 6 meters, and on Satellite QO-100. His portable activities take place from the Los Islands, IOTA AF-051.

**THE GAMBIA, C5.** Gerard, F5NVF, Abdel, M0NPT, and Luc, F5RAV will be QRV as C5C from Kololi from May 22 to June 8. Activity will be on 80 to 6 meters using CW, SSB, FT8, FT4, and on Satellite QO-100.

**ANGOLA, D2.** Mikalai, UT6UY is working in the hospital in Cabinde. He is active as D2UY in his spare time on 40, 20, 15, and 10 meters using mostly CW.

**MONGOLIA, JT.** Andrey, R9YU and Gennady, R5QA are QRV as JV0YU from the Bayan-Olgii province until June 10. Activity is on 160 meters to 70 centimeters using CW, SSB, and FT8.

**MARSHALL ISLANDS, V7.** Stewie, WV7MS is now QRV as V73MS from Kwajalein Atoll while working as a firefighter. Activity is in his spare time on 20, 17, and 15 meters between 0600 to 0900z.

**TURKS AND CAICOS ISLANDS, VP5.** Mario, W4HBW is QRV as VP5MA from Providenciales Island, IOTA NA-002. Activity is on 80, 40, 17, and 10 meters using FT8. His length of stay is unknown.

**MARKET REEF, OJO.** OJ0JR (OH3JR), Henri; and OJ0MR (OG2M), Pertti, will concentrate on six-meter operations June 26 to July 6, particularly looking for NA, SA and Asia on FT8, CW and SSB.

**DJIBOUTI, J2.** Djibouti J28JD, Paul, will remain at Camp Lemonier, Djibouti for the rest of the year and currently has a Chameleon sky loop antenna but hopes to be "installing more antennas soon". Soon he plans to have a WSPR beacon on 20 and 30 meters. He occasionally calls CQ on SSB on 10, 20 and 40 meters.

**MONACO, 3A** Monaco, During "the first half of July 2022" F6EXV, Paul, and PB8DX, Flo, will be taking part in "a special activity on 6m as 3A6M with the help from the local ARM association". They will also be operating on HF as 3A/F6EXV and 3A/PB8DX. (QSL 3A/F6EXV) 3A/PB8DX and 3A6M via F6EXV, using Club Log for direct or bureau requests.

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**RWANDA, 9X** DF2WO (Harald), will be on the air with his 9X2AW call sign June 1-22 from new grid KI48xe, a different QTH than his past operations. He is preparing a 160M antenna and dipoles and plans to build a hex beam from bamboo, to cover 20, 17, 15 and 10. Harald will be on CW, SSB, RTTY and FT8.

**RODRIGUES ISLAND, 3B9** Rodriguez Island 3B9/HB9DBB started May 18. So far, op Jean-Michel has been found on 15M FT8. He also plans CW and SSB, and all primarily on 15.

**FIJI, 3D2** SP5ES, Marcin, has arrived in Fiji and is now QRV as 3D2EZ. (Editor's Note: Perhaps he is getting ready to go to Rotuma?) So far he has been reported active on 20 meters CW.

**FIJI, 3D2** Fiji - It appears SP5MXZ, Wojtek, has joined 3D2EZ, Marcin, and 3D2USU, Dom, in Fiji. He is now QRV as 3D2SP. So far activity has been on 10 and 28 MHz FT8.

**OMAN, A4** A41NN, Mohammed, is using an IC-7800 and running 100 watts into an Optibeam 6/6.

**KERGUELEN ISLANDS, FT#X** – Kerguelen Islands - FT4XW, Arthur, "has found a location for his equipment and he still has to find a place to install his inverted V".

**EGYPT, SU.** Egypt - Over that past two years SU1ER, Said, has had success working Japan on 50 MHz during the Eskip season.

**MARSHALL ISLANDS, V7.** Marshall Islands - WV7MS, Stewie, is now V73MS operating from Roi Namur Island. He is operating with an FT- 857D running 100 watts. He can be found daily on 20, 17 and 15 meters.

**FALKLAND ISLANDS, VP8.** Falkland Islands - VP8CLE, Dave, and VP8DKW, Carol, are in the Falkland Islands for the 40th Anniversary of the Falklands War. They are there until June 17<sup>th</sup>.

Happy hunting!  
Jim, AA8OY

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

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

June 1 VHF-UHF FT8 Activity Contest [www.ft8activity.eu/index.php/en](http://www.ft8activity.eu/index.php/en)

June 3-5 PODXS 070 Club Three Day Weekend Contest <http://bit.ly/2Srdp8A>

June 4-5 10-10 Open Season PSK Contest <http://bit.ly/1FrFeBc>

June 4-5 ARRL International Digital Contest <https://contests.arrl.org/dig>

June 4-5 IARC Region 1 Field Day <http://bit.ly/3cC0HKf>

June 4-5 Kentucky QSO Party [www.kyqsoparty.org](http://www.kyqsoparty.org)

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- June 4-5 RSGB CW Field Day <https://bit.ly/31qpcJl>
- June 4-5 Tisza Cup CW Contest <https://tinyurl.com/55jbf22>
- June 4-5 UKSMG Summer Contest <https://tinyurl.com/mwh56dys>
- June 8 VHF-UHF FT8 Activity Contest [www.ft8activity.eu/index.php/en](http://www.ft8activity.eu/index.php/en)
- June 11 Asia-Pacific SSB Sprint <http://jsfc.org/apsprint>
- June 11-12 Portugal Day Contest <https://portugaldaycontest.rep.pt/rules.php>
- June 11-12 REF DDFM 6M Contest <http://concours.r-e-f.org/index.php>
- June 11-12 GACW WWSA CW DX Contest <https://bit.ly/3MGsrzr>
- June 11-12 DRCG WW (RTTY) [www.drcg.de](http://www.drcg.de)
- June 11-12 VK Shires Contest <https://tinyurl.com/2p8h4wen>
- June 11-13 ARRL June VHF QSO Party [www.arrl.org/june-vhf](http://www.arrl.org/june-vhf)
- June 15 RSGB 80m Club Championship CW <https://bit.ly/31qpcJl>
- June 15 VHF-UHF FT8 Activity Contest [www.ft8activity.eu/index.php/en](http://www.ft8activity.eu/index.php/en)
- June 16 SARL Youth Sprint <http://bit.ly/H0lqQf>
- June 18 AGCW VHF-UHF Contest <https://bit.ly/3lw91PK>
- June 18 ARRL Kids Day Contest [www.arrl.org/kids-day](http://www.arrl.org/kids-day)
- June 18 FIRAC VHF Contest [www.firac.de/index.html](http://www.firac.de/index.html)
- June 18-19 All Asian CW DX Contest <https://bit.ly/3HVjkra>
- June 18-19 IARU Region 1 50 MHz Contest <https://bit.ly/3r1kqvT>
- June 18-19 SMIRK Contest [www.smirk.org/contest.html](http://www.smirk.org/contest.html)
- June 18-19 Stew Perry Top band Challenge [www.kkn.net/stew/stew\\_rules.html](http://www.kkn.net/stew/stew_rules.html)
- June 18-19 Ukrainian DX Classic RTTY Contest <http://urdx.org/rtty/>  
**(If Ukrainian stations are back on the air)**
- June 18-19 West Virginia QSO Party <https://tinyurl.com/3dz7awsx>
- June 19 WAB 50 MHz Phone <http://bit.ly/31yE4kT>
- June 23 RSGB 80m Club Championship, SSB <https://bit.ly/31qpcJl>

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- June 25 UFT QRP Contest [www.uft.net/concours-qrp-uft](http://www.uft.net/concours-qrp-uft)
- June 25-26 ARRL Field Day [www.arrl.org/field-day](http://www.arrl.org/field-day)
- June 25-26 His Maj. King of Spain SSB Contest <http://bit.ly/1cKAR5V>
- June 25-26 Ukrainian DX DIGI Contest <http://urdx.org/>  
**(If Ukrainian stations are back on the air)**
- June 27 RSGB FT4 Contest Series <https://bit.ly/31qpcJ>

###

### Upcoming Ham Fests

06/04/2022 - FCARC Summer Hamfest

Location: Wauseon, OH

Sponsor: Fulton County Amateur Radio Club

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

07/09/2022 - Mansfield Mid Summer Trunkfest

Location: Mansfield, OH

Sponsor: Intercity Amateur Radio Club

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

07/17/2022 - Van Wert Hamfest

Location: Van Wert, OH

Sponsor: Van Wert Amateur Radio Club

Website: <http://W8FY.ORG>

08/06/2022 - Columbus Hamfest

Location: Grove City, OH

Sponsor: Aladdin Shrine Audio Unit

Website: <http://columbushamfest.com>

08/13/2022 - Cincinnati Hamfest

Location: Owensville, OH

Sponsor: Milford ARC

Website: <https://CincinnatiHamfest.org>

09/17/2022 - Mound Amateur Radio Assoc. Swap Meet

Location: Miamisburg, OH

Sponsor: MARA

Website: <http://W8DYY.ORG>

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09/25/2022 - Cleveland Hamfest

Location: Berea, OH

Sponsor: Hamfest Association of Cleveland

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

10/30/2022 - Massillon Hamfest (OH)

Location: Green, OH

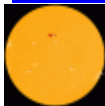
Sponsor: Massillon Amateur Radio Club

Website: <http://w8np.org>

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### **ARRL News**

#### [The K7RA Solar Update](#)



Solar activity was up, up, up this week. [Read More](#)

#### [FCC Has Resolved Technical Issues and Resumes Processing Amateur Radio License Applications](#)



On Monday, May 9, in a notice to all VECs, the FCC explained that the technical issues with ULS EBF filing are resolved, and that VECs may resume submitting files containing amateur radio license applications. [Read More](#)

#### [ARRL RF Safety Committee Members To Be Honored By The Radio Society of Great Britain](#)



Chairman of the ARRL RF Safety Committee Gregory D. Lapin, N9GL, PhD, P.E., will receive an award at the 2022 Dayton Hamvention from the Radio Society of Great Britain. [Read More](#)

## QRZ Ham Radio Trivia Quiz

When the Amateur Radio Advanced Class license was first offered?

- A: Shortly after WWI
- B: Just before WWII
- C: Shortly after WWII
- D: April 15, 2000

What was the BBC television transmitters used for during the 2nd World War?

- A: Test transmissions of encrypted military data
- B: Jamming German propaganda broadcasting stations
- C: General Communications using sub bands
- D: Jamming German navigation systems

According to the CQ Magazine's list of counties for the USA-CA Award, which state has the least number of counties?

- A: Delaware
- B: New Hampshire
- C: Rhode Island
- D: Connecticut

Answers on page 24



## 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, June 4

Saturday, August 6

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 NCVEC 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.



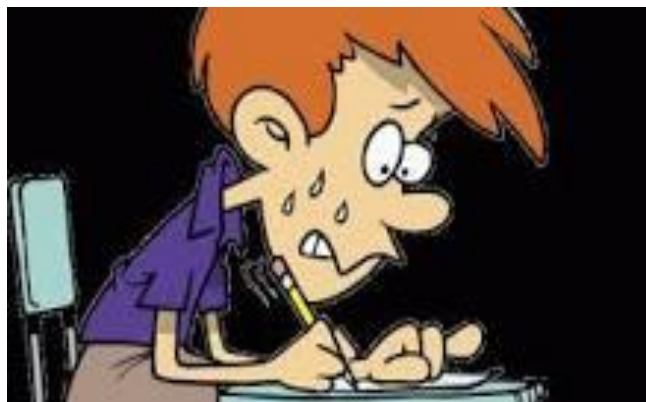
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**In addition** the FCC now charges \$35 to add you to the Amateur Radio database. The FCC will e-mail successful candidates with instructions for payment directly to them. Payment must be made within 10 days of the e-mail. This charge does not apply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

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



###



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



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is June 21st, 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 the recent COVID variant upsurge and restrictions being uncertain, having facial covering may or may not be required. Seating with the group is currently limited to ten guests. Overflow guests will be seated within general restaurant seating. Check our website for the latest information.**



## 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

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|         |                           |                 |             |                              |
|---------|---------------------------|-----------------|-------------|------------------------------|
| 6/05    | Hill Yeah! Half Marathon  | Lake Farmpark   | 06:30-13:00 | <a href="#">Sign Up Here</a> |
| 6/12    | Sunday-in-June            | Burton          | 06:00-15:00 | <a href="#">Sign Up Here</a> |
| 6/25-26 | ARRL Field Day            | LCHS            | 14:00-14:00 | <a href="#">Sign Up Here</a> |
| 7/01    | Mardi-Gras Parade         | Fairport Harbor | 14:00-20:00 | <a href="#">Sign Up Here</a> |
| 8/03    | LCARA Picnic & Meeting    | Daniels Park    | 15:00-20:00 | <a href="#">Sign Up Here</a> |
| 8/14    | Fairport Half Marathon    | Fairport Harbor | 06:30-12:30 | <a href="#">Sign Up Here</a> |
| 8/27    | Family Fun Day            | LCHS            |             |                              |
| 8/28    | Ohio QSO Party            |                 |             |                              |
| 9/24    | National Public Lands Day | Garfield Home   | 09:00-15:30 |                              |
| 10/30   | N O Marathon              | Mentor          | 06:30-13:30 | <a href="#">Sign Up Here</a> |

## Other Events

**Mat Nickosen KC8NZJ**  
**Ohio ARES D-10 EC**  
**Help request**

Hello All,

I am looking for volunteers to work the Pan Ohio Hope Ride. This is a 4-day 328-mile bicycle ride from Cleveland to Cincinnati on July 21-24. I'm looking for people willing to drive along with the ride as SAG (support and gear) drivers. Ideally volunteers should have either a pickup truck or a vehicle with a bike rack and space to transport riders. Volunteers are strongly encouraged to sign up for all 4 days. All meals and lodging will be covered. Fuel can be reimbursed after the event. If you are unable to sign up for all 4 days, you are still welcome to come and help as much as you can. Net control each day will be run out of the Dayton Amateur Radio Association truck which will travel along with the event. We will primarily use UHF simplex and 700/800 MHz MARCS radios that will be signed out to volunteers each day. We strongly suggest each SAG vehicle have a driver and a co-pilot to help with navigation.

If this sounds like something you are interested in, please click the link below. If you have any questions or difficulties with signing up, please contact me at [info@n8esg.org](mailto:info@n8esg.org) Please pass this notice along to all your various ARES and other amateur radio groups.

**TO SIGN UP PLEASE VISIT THIS LINK [POHR SAG REGISTRATION](#)**

## 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)

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

16:00 – Drake Tech Net – 7.238 MHz 18:00 – Ohio (slow) – 3.53535

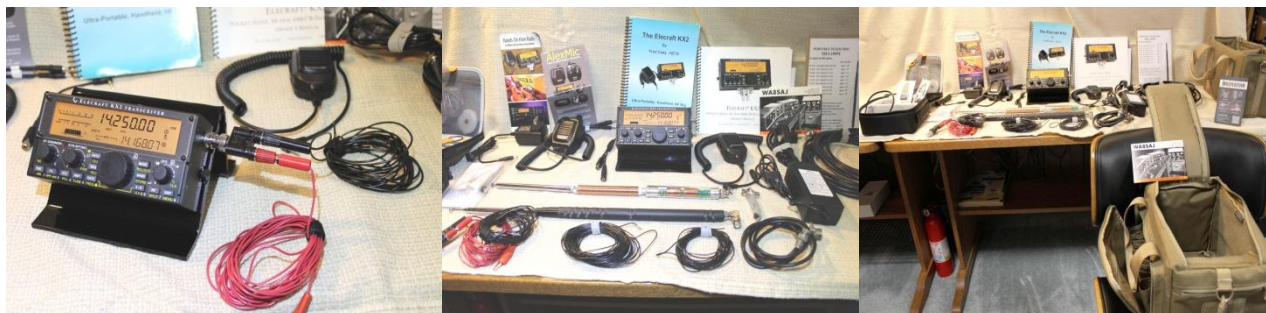
18:45 – Buckeye (early) – 3.580

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

## Sell, Seek or Trade

Jeff Covelli, WA8SAJ by phone at: 440-951-6406

**FOR SALE:** Elecraft KX2F QRP Transceiver, including all these accessories, MH-3 Microphone, KXAT2-F Internal 10:1 Auto Tuner, KXBT2 Battery Pack, KXBC2 Battery Charger, KXIO2-F KX2 IO Time Module, ES60 Large Travel Bag for KX2, KX2 Ground Plug, KX2ACBL Accessory Cable, The Elecraft KX2 Book by Fred Cady, AXB-1 Bipod, AX-1 Whip, AXT-1 Tripod Adapter, AXE-1 40 Meter Extender, 10 Meter Antenna, Alex Microphone / Speaker with 5volt charger, Nifty Desk Stand, DX ENG 25 Foot Extension Cords, NC's, Misc ground radial wires and adapters, **Maxpedition** range bag that holds all the gear. Price: **\$1500** a savings of \$700 compared to buying new and 18 week wait!



Brad Williams, K8ZM [K8zm@arri.net](mailto:K8zm@arri.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) 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

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



Since 1978

## June 2022

| Sun.                                 | Mon.  | Tue.                                       | Wed.   | Thu.  | Fri. | Sat.                     |
|--------------------------------------|---|--|--|---|------|--------------------------|
|                                      | LC ARES Net<br>7:30pm                         |  | 1<br>LCARA Meeting<br>7:00pm                             | 2<br>2 Mtr. Net 7:00pm<br>D-10 Digital Net  | 3    | 4                        |
| 5<br><br>Pentecost                   | 6<br>LC ARES Net<br>7:30pm<br><br>Whit Monday | 7  | 8<br>LCARA Board<br>Mtg. 7:30pm<br>10 Mtr. Net<br>8:30pm | 9<br>2 Mtr. Net 7:00pm<br>D-10 Digital Net  | 10   | 11                       |
| 12<br><br>Trinity Sunday             | 13<br>LC ARES Net<br>7:30pm                   | 14<br><br>Flag Day                         | 15<br>10 Mtr. Net<br>8:30pm                              | 16<br>2 Mtr. Net 7:00pm<br>D-10 Digital Net | 17   | 18                       |
| 19<br><br>Father's Day<br>Juneteenth | 20<br>LC ARES Net<br>7:30pm                   | 21<br>3 <sup>RD</sup> Tuesday<br>Breakfast | 22<br>10 Mtr. Net<br>8:30pm                              | 23<br>2 Mtr. Net 7:00pm<br>D-10 Digital Net | 24   | 25<br><br>ARRL Field Day |
| 26<br><br>ARRL Field Day             | 27<br>LC ARES Mtg.<br>7:30pm                  | 28   | 29<br>10 Mtr. Net<br>8:30pm                              | 30<br>2 Mtr. Net 7:00pm<br>D-10 Digital Net |      |                          |

## QRZ Ham Radio Trivia Quiz

### Answers

When the Amateur Radio Advanced Class license was first offered?

**A: Shortly after WWI (Correct)**

**B: Just before WWII**

**C: Shortly after WWII**

**D: April 15, 2000**

What was the BBC television transmitters used for during the 2nd World War?

**A: Test transmissions of encrypted military data**

**B: Jamming German propaganda broadcasting stations**

**C: General Communications using sub bands**

**D: Jamming German navigation systems (Correct)**

According to the CQ Magazine's list of counties for the USA-CA Award, which state has the least number of counties?

**A: Delaware (Correct)**

**B: New Hampshire**

**C: Rhode Island**

**D: Connecticut**

### 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.



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**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, 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  
Echolink N9IJG/R Node #665499  
224.500 - 1.6MHz -PL tone of 141.3 Hz.  
444.650 + 5.0MHz -PL tone of 131.8 Hz.*