



## 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

H A P P Y  
*Mother's Day*

### LCARA Board

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

### Patch Staff

Editor: KB8BKE  
DX: AA8OY  
History: KO8O  
Sunshine:

### 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: May 4th***

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## Message from the President

Greetings, fellow travelers

*We will resume in person meetings on May 4<sup>th</sup> at the Lake County History Center. The primary topic will be finalizing Field Day plans, so if you are participating or otherwise helping with this event please try to attend.*

*Our public service season for 2022 began this past Saturday with NVIS Day, which was held at LCHS. Although the propagation was a bit uncooperative, many contacts were made and all in attendance had a great time. Our next event is the 10 Mile Drop Run on May 7<sup>th</sup>. There are several opportunities planned this year for members to get outdoors, play radio, promote amateur radio to the general public and serve our community. To find a listing of activities and register to help, visit our website and look at the "Events" tab or contact any board member for more information.*

*That's about it for now. Thank you all for being a part of our group and this grand experiment we call ham radio!*

. Please stay safe and be well

'73

-Ed



## Membership Meeting Minutes for April 6, 2022

### Board Members Present:

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

### Attendees:

Ed KB8BKE	Joseph N8JKO
Jeff WA8SAJ	Steve W8SKG
Tom KE8HJL	Cal W8BZP
Larry WB8PHI	Jim AA8OY
Mike WB8ZGH	Nathaniel W1OLE
Tim KE8TYT	Ron NU8N
Bill N8WCL	Bob W2THU
Bob N8KBX	Tom KD8SJK
Don WA8TWM	

### Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:31 p.m.
- This meeting took place as an online membership meeting using the Zoom platform.
- **President** – Ed (KB8BKE) mentioned:
  - The Cuyahoga Falls Ham Fest is this Saturday off of Gram Road. Check their website.
  - April 23<sup>rd</sup> at the History Center is NVIS.

- **Treasurer Report:** ED (KB8BKE)

Provided a Treasurer's Report. We have 5 new members paying dues since the last meeting with a total of 51 out of 61 members from last year.

- **Secretary Report:** Nothing reported
- **Director-at-Large Report:** Joe (N8JKO) reported:

- Nothing new to report.

- **Sunshine:** Nothing reported

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

DX Report:

**HC8 – Galapagos Islands** HC1MM and her husband HC1MD (aka NE8Z), Rick, will be traveling to Santa Cruz Island, Galapagos Islands and QRV in their spare time as

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HD8MM and HD8MD respectively between April 7 and 14.

**FK – New Caledonia** - F5NHJ, Jean-Louis, is visiting there April 5-June 11, on the air “holiday style,” FK/F5NHJ, on CW, SSB and digital.

**HB0 – Liechtenstein** - Five ops from the Netherlands arrived there two days ago to continue operating there until April 9, /HB0. They are PA2HGJ, PA2RDK, PA3CNO, PA3HK and PE0MGB, 160-10 “mainly CW and some SSB.”

**TG – Guatemala** - K4IM, aka TG9AWS, Stephen Wheelock, returns to his Guatemala City QTH April 20th. He will be there into October, He plans CW, SSB and digital and “AM and FM if requested.” He will try to do “more RTTY” this time.

**VK9N – Norfolk Island** - VK9NT April 14-25 is the call sign for VK3QB, VK3HJ and VK6CQ, on CW, SSB and FT8, 160- 10M. They say they will do “some basic 6M.”

Jim (AA8OY) is looking for input on the idea for 5 or 6 stations on field day. He would like assistance for people in being station captains. We should schedule a clean up day.

- **Events Public Service:** Mike WB8ZGH
  - Drop Run – May 7<sup>th</sup>
  - Hill Yea Run – June 5<sup>th</sup>
  - Mardi Gras Parade – July 1<sup>st</sup>
- Jim mentioned that the Burton Bike Ride in June is undecided if they want us participate. The SAG group will be participating.
- **VE Testing:** Don WA8TWM There will be VE testing on June 4<sup>th</sup>. Joe may participate. The FAA fee increase takes effect April 15h.
- **Ohio Legislative Liaison:** Bob W2THU: He is pretty sure that the Hands free bill should be brought to a vote soon. Should know more next month. W181W has a zoom link for a tour at noon on Saturday. Ed will send an email link to the group tonight.
- **ARES :** Joseph N8JKO Ares net are working well. He would like to have more participation.
  - We need to inspect the equipment at the hospitals in the area.
  - A survey went out to get information about members. We need to find the capabilities of members.
- **Nets: :**
  - Joseph N8JKO thanked KQXO for becoming a net control operator. Feel free to provide feedback to the net control operator
  - Mike WB8ZGH mentioned that he only had 1 check in on the last 10m net

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)

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- **Lake County History Center:** reported: Bob has nothing to report

Meeting adjourned at: 8:02 p.m.

Tom (KE8HJL)

###



### **Sunshine Report**

Nothing to report

## Backscatter for May 2022

by: *Scott Farnham KO8O*

*LCARA Historian*



### BACKSCATTER

**222 Years Ago:** Italian physicist Alessandro Volta develops a reliable source of electrical current.

Volta theorized that electrical current was caused by the contact of dissimilar metals amid moisture. He built a stack of alternating copper and zinc discs, with each pair of discs separated from the next by cardboard that had been soaked in salty water. This “voltaic pile” produced continuous electrical current. Volta wrote about it to Joseph Banks, head of the Royal Society in London, who shared news of this invention of the wet-cell battery with other scientists, stating it had great potential.

The results were electrifying. Within weeks, William Nicholson and Anthony Carlisle had discovered that electrical current could decompose water into hydrogen and oxygen. Humphrey Davy soon used this newly discovered electrolysis to discover potassium and other metals.

Volta’s name lives on as a unit of measure. The volt was officially established in 1881 as an electrical potential of 1 joule per coulomb of charge, or the electromotive force that will cause a current of 1 ampere to flow through a resistance of 1 ohm.

**40 Years Ago:** Ham radio emerges in China. After an absence of many years, ham radio is revived by BY1PK in Peking. Largely operating CW on the bottom of 15 meters, the pileups are enormous.

**35 Years Ago:** Use it or lose it. Stating that 220-225 MHz “is presently underutilized”, the FCC issues a NPRM to reallocate 220-222 MHz to the land mobile service.

**30 Years Ago:** For the first time in 14 years, Mother Nature dumps on the Hamfest. Six inches of snow blankets northeast Ohio, bringing traffic and attendance to a standstill. In a statement of incredible prescience, K8BL comments in “QRM es QRN” column that at this rate we ought to be safe until our 28<sup>th</sup> Hamfest in 2006.

**25 Years Ago:** The FCC amends the rules to allow 1x1 call signs for special event stations, but turns down the ARRL’s proposal for a lifetime operator’s license.

Triton Tubes of Easton, PA purchases the EIMAC glass tube business. Included are the 3-500Z, the 4-400A and 4-400C.

Dee, W1HEO reports the newest of the new ones, BS7H, Scarborough Reef is now on the air.

**20 Years Ago:** YA1TD and YU7AV, Hrane and Voja, arrive in North Korea with licenses in hand, only to have the military intervene and force a ban on operation. Harane and Voja leave, saying “never again.”

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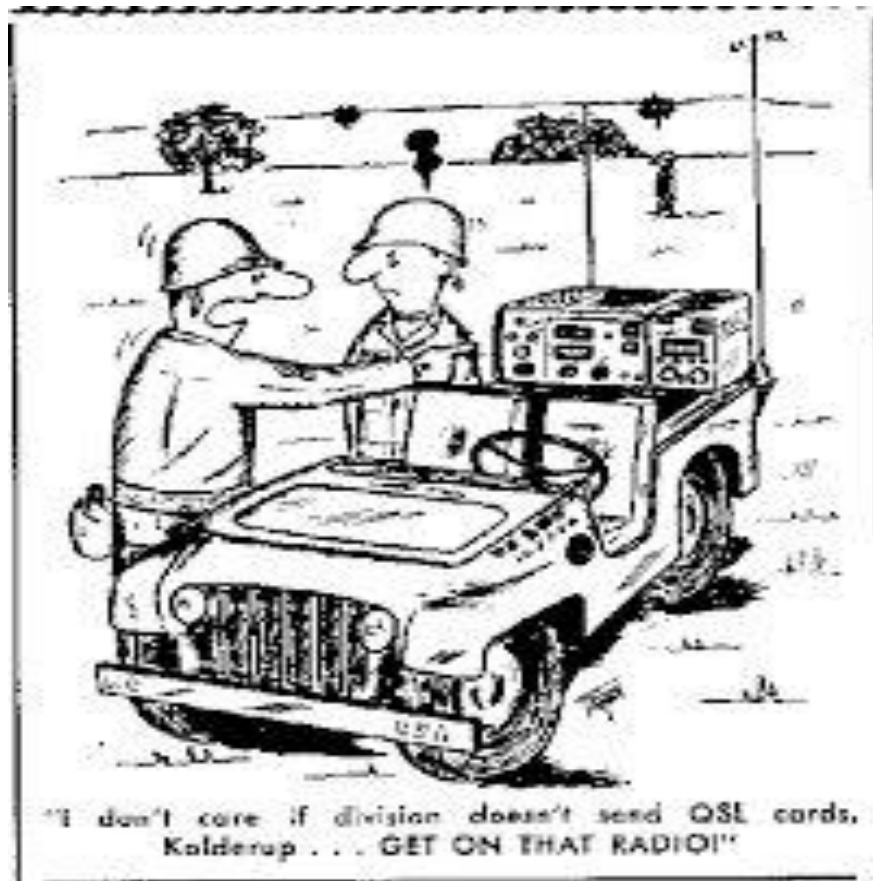
The Patch notes that Olympic skier Picabo Street finds time to volunteer as a phone operator at Summit Medical Center Hospital in Park City Utah.. She answers the phone in the Intensive Care Unit by saying "Picabo, ICU".

**15 Years Ago:** With the elimination of code for General and Extra, LCARA plans an Extra license class, to be held twice a week for four weeks at Kirtland High School.

After a huge snowfall last year, Sunday March 26, 2006, no hamfest is held in 2007.

**10 Years Ago:** The LCARA ARES team joins the Ashtabula Amateur Radio Club to celebrate the arrival of LCARA's new ARES Communication Trailer.

**5 Years Ago:** The Dayton Hamvention moves to Xenia. The name does not change.





## DX Alert

by: *Jim Pyle AA8OY*



### May 2022 DX Alert

**MOZAMBIQUE, C9.** Pedro, CT7AHV is QRV as C91AHV from Chinonanquila, Matola Rio until May 4, and only during weekdays. Activity is on 40 to 10 meters using CW, SSB, and FT8.

**SAINT MARTIN, FS.** Marco, KC9FFV is QRV as FS/KC9FFV until the end of 2022. Activity is in his spare time on 40 to 6 meters.

**MINAMI TORISHIMA, JD1.** Take, JG8NQJ/JD1 has been QRV using CW on 15 meters between 0800 and 1100z.

**PAPUA NEW GUINEA, P2.** Alberto, EA4PL is QRV as P29LL from Port Moresby. Activity is on the HF bands.

**THE GAMBIA, C5.** M0NPT, Abdel; F5NVF, Gerard; and Luc, F5RAV; are heading back to Kololi, The Gambia where they will again be QRV on C5C from May 22 to June 8.

**CHAD. TT.** TT8SN, Nicolas, currently only has antennas for 10 and 6 meters. Those antennas are a four element Yagi for 28 MHz and a seven element Yagi on 50 MHz

**ANDAMAN ISLANDS, VU4.** VU4W is May 3-16 with operators YL2GM (aka VU3FZC), VU2CDP, and VU2CPL. They will have a pair of K3S radios, a Sun SDR2, SPE and a Juma KW and other gear to a spider beam and verticals for the operation. They plan to be on HF and 6M.

**MOLDOVA, ER.** ER5WU, Anatol Maldur, is on the air on 6 meters with a 9-element LFA, an FT-950 and a KW amplifier.

**SVALBARD, JW.** Members of the Oesterdalgruppen of NRRL (LA4D) plan to be QRV as JW4D from Longyearbyen, Svalbard Island from May 3-8. Activity is expected on SSB, Digital and CW on 3.5 through 28 MHz

**ST. KITTS & NEVIS, V4.** K2KA, Dick, will be in vacation mode as V4/K2KA from the V47JA rental station in Calypso Bay from May 8-18.

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.

Apr. 30- May 1 UK/EI DX Contest CW

May 1 AGCW QRP/QRP Party

May 5 – 7 7th Area QSO Party

May 5 – 7 New England QSO party

May 14 Arkansas QSO Party

May 14 – 15 Canadian Prairies QSO Party

May 20 SWODXA DX Dinner

May 21 SWODXA DX Forum Hamvention

May 28 - 29 CQWW WPX CW Contest

###

**Upcoming Hamfests**

05/01/2022 - Lucas County Amateur Radio  
Emergency Service Trunk Sale and Swap  
Meet

Location: Toledo, OH

Sponsor: Lucas County Amateur Radio  
Emergency Service

Website: <http://tinyurl.com/lcaresswap>

05/20-22/2022 - Dayton Hamvention

Location: Greene County Fairgrounds, OH

Sponsor: Dayton Amateur Radio

Association

Website: <https://hamvention.org>

05/28/2022 - Scioto Valley Amateur Radio  
Club Hamfest

Location: Piketon, OH

Sponsor: Scioto Valley Amateur Radio Club

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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>

## **ARRL News**

### [FCC Has Resumed Processing License Applications and Exam Session Files](#)



The ARRL Volunteer Examiner Coordinator (VEC) reports that the FCC Universal Licensing System (ULS) electronic batch filing (EBF) system is back online and functioning normally. [Read More](#)

### [ITU Celebrates 2022 World Amateur Radio Day](#)



In recognition of World Amateur Radio Day, held on April 18, the International Telecommunication Union (ITU) published articles and social media posts highlighting various facets of ham radio. [Read More](#)

### [Hawaii ARES Drill Tests All Communications](#)



The Hawaii Amateur Radio Emergency Service (ARES) conducted an operational readiness drill on April 16 to evaluate their emergency communications abilities if severe weather were to hit the state and disable regular communications. [Read More](#)

### [Amateur Radio Helps Rescue Injured California Outdoorsman](#)



Amateur Radio Helps Rescue Injured California Outdoorsman [Read More](#)

## QRZ Ham Radio Trivia Quiz

The end-fed 'ZEPP' antenna, received it's name from what early usage?

- A: An antenna that was easy and quick to install.
- B: A weighted antenna wire below an airship.
- C: The square of a quarterwave.
- D: Marconi's pet dog.

How much does it cost to keep an Australian VK license for 10 years? (in Aussie dollars)

- A: \$6
- B: \$50
- C: \$100
- D: over \$500

Thermal noise in a receiver is sometimes referred to as:

- A: Temperature Induced Quadrature Phenomenon (TIQP)
- B: Johnson Noise
- C: Maxwell Effect
- D: SINAD

U.K. Foundation Licenses are limited to what transmitter power output level?

- A: 10 watts
- B: 25 watts
- C: 75 watts
- D: 500 watts

Answers on page 22



## 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,



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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 **March 15th**, 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.**



## 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)

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

21:30 – 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) – (Echolink 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) (Echolink - use- 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

21:30 – 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

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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

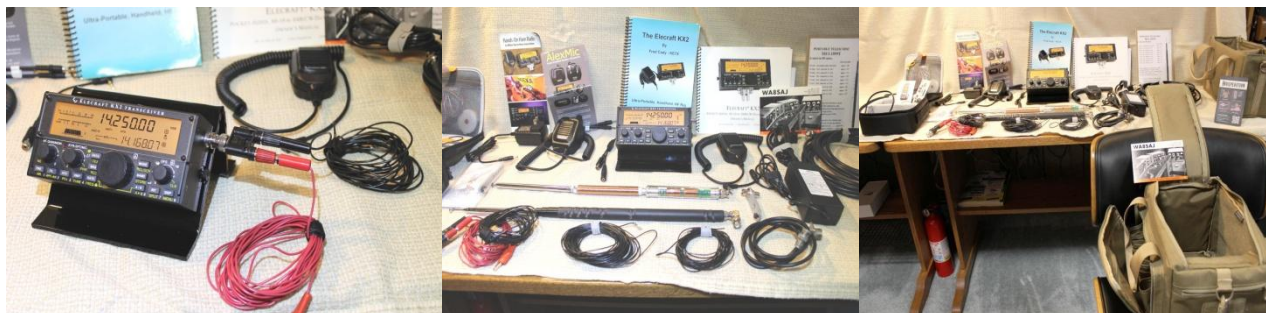
18:45 – Buckeye (early) – 3.580

21:30 – 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, KX2 Book by Fred Cady, AXB-1 Bipod, AX-1 Whip, AXT-1 Tripod Adapter, AXE-1 40 Meter Extender, MFJ-1899T 80-10 Meter Antenna, Alex Microphone / Speaker with 5volt charger, Nifty Desk Stand, DX ENG 25 Foot RG-8X Cable / BNC'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@arrrl.net](mailto:K8zm@arrrl.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
- 5) Swan 350C w/Power Supply & Cables & Manuals



Since 1978

# May 2022

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2 LC ARES Net 7:30pm	3	4 LCARA Meeting 7:00pm	5 2 Mtr. Net 7:00pm D-10 Digital Net  Cinco de Mayo	6	7
8  Mothers Day	9 LC ARES Net 7:30pm	10	11 LCARA Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	12 2 Mtr. Net 7:00pm D-10 Digital Net	13	14
15  Peace Officers Memorial Day	16 LC ARES Net 7:30pm	17 3 <sup>RD</sup> Tuesday Breakfast	18 10 Mtr. Net 8:30pm	19 2 Mtr. Net 7:00pm D-10 Digital Net	20	21
22	23 LC ARES Net 7:30pm	24	25 10 Mtr. Net 8:30pm	26 2 Mtr. Net 7:00pm D-10 Digital Net  Ascension Thursday	27	28
29	30 LC ARES Mtg. 7:30pm  Memorial Day	31	30 10 Mtr. Net 8:30pm	31 2 Mtr. Net 7:00pm D-10 Digital Net		

## QRZ Ham Radio Trivia Quiz

### Answers

The end-fed 'ZEPP' antenna, received it's name from what early usage?

- A: An antenna that was easy and quick to install.
- B: A weighted antenna wire below an airship. Correct Answer
- C: The square of a quarterwave.
- D: Marconi's pet dog.

How much does it cost to keep an Australian VK license for 10 years? (in Aussie dollars)

- A: \$6
- B: \$50
- C: \$100
- D: over \$500 Correct Answer

Thermal noise in a receiver is sometimes referred to as:

- A: Temperature Induced Quadrature Phenomenon (TIQP)
- B: Johnson Noise Correct Answer
- C: Maxwell Effect
- D: SINAD

U.K. Foundation Licenses are limited to what transmitter power output level?

- A: 10 watts Correct Answer
- B: 25 watts
- C: 75 watts
- D: 500 watts

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### 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, 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***

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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.*