



The LCARA Patch



10 METER ROUNDTABLE
WEDNESDAY @ 20:30 HRS
28.450 MHz

www.lcara.org
<https://groups.io/g/lcarapatch>

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

Happy Thanksgiving

A colorful illustration of a Thanksgiving feast, including pumpkins, gourds, and corn, positioned to the right of the "Happy Thanksgiving" text.

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
History	Scott Farnham	KO8O
LCHS Liaison	Bob Mekinda	K8QXO
N8BC Trustee	Bob Liddy	K8BL
Program Director	Joe Koskovics	N8JKO
Publicity	Bob Mekinda	K8QXO
Repeater	N8IJG - KB8BKE	
Sunshine	Open	
Web Master LCARA	Bill Wihebrink	N8IJG

***Our next club Meeting: November 2nd, 2022
On Zoom and in person at UH Tri-point Physician's Pavilion***

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Message from the President

Greetings fellow travelers,

November's meeting will be live at UH Tri-Point Physician's; Pavilion and also online via Zoom. Our presenter is Mr. John Doliner is executive director of Information Services and Technology at Tri- C and he will be speaking on the use of computers in ham radio. Hope you can join us. A link to join the Zoom meeting will be sent to the group.

Membership dues for 2023 are now being accepted. The cost remains \$20 for single and \$30 for a household. You may pay at a meeting or send in via snail mail. Please use the form if you send a payment if only to indicate any changes and help us keep your contact information up to date. Forms are available at: https://www.lcara.org/?page_id=1294

We return to Eastern Standard Time this month and, oh by the way, there is an election on the 8th, just in case you needed a reminder.

I strongly encourage you all to check your smoke detectors and change the batteries as this should be done twice a year.. If they are 10 years old or older, replace them. If you need new ones, I know a guy. Seriously, there is no excuse not to have working smoke detectors in your home. Free units are available for just a phone call. Contact Tom (KE8HJL) or myself if you are interested.

Don't overdo it with the leaves and have a great Thanksgiving everyone!

Stay well and be safe.

'73

-Ed



Membership Meeting Minutes

Membership Meeting Minutes for Oct 5, 2022

Board Members Present:

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

Attendees:

Ed KB8BKE	Tom KE8HJL
Mike WB8ZGH	Bob K8QXO
Cal – W8BZP	Fran – N/A
Larry WB8PHI	Jim – AA8OY
Bob – N8QBX	Bob W2THU
John –KB8YJY	

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:31 p.m.
- This meeting took place in person at the Lake County Historical Association in Painesville Ohio
- **President** – Ed (KB8BKE) mentioned:
 - The motion to accept the minutes for the last meeting was accepted.
- **New Business:**
 - John Dalinor Tri-C IT Executive Director will speak at the next meeting at Tri Point.
 - We will take dues in Nov and nomination for board
 - Nathan has not heard from Riverside about interest in the space station project.
 - December meeting possible have pot-luck dinner or pizza ? Consensus was pizza.
- **Director At large:** Joe (N8JKO) reported:
- **Radio:** Bill N8WCL:
Nothing reported
- **Secretary Report:** Tom (KE8HJL) Nothing reported
- **Treasurer Report:** ED (KB8BKE): \$8,700 – paid insurance for trailer and liability for club.

Jim AA8OY - Sunday in June leadership has mentioned that we won't likely send the club funding for efforts in supporting Sunday in June.
- **Sunshine:** Dick Glenn W8QG0 passed. Services are at Speer Mulroneu Funeral Home on 10/8

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DX Report: Jim (AA80Y)

- **Public Service:** Mike (WB8ZGH)

- .on Oct 9th the Northern Ohio Marathon takes place, we have 12 operators signed up. We could use some additional help. This is the last event of the year.
- The PNPP FEMA exercise for the EOC and the shelter portions went well. All objectives were met.

- **LCHS** (Bob W2THU)

Historical Society: Bob K8QZXO: nothing to report

- Nothing to Report

- **ARRL Liaison:** Bob(K8WX0):

- Nothing to report

- **VE Testing:** Don (WA8TWM)

- **Ohio Legislative Liaison:** Bob (W2THU)

- No Report

- **ARES:** Joseph (N8JKO).

- .nothing to report

- **Nets:** Ed (KB8BKE) will be taking over the 2m net is November

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

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)

50/50 winner: No raffle

Meeting adjourned at: 8:45 p.m.

Tom (KE8HJL)



Sunshine Report

Dick Glenn W8GQO (SK)

Richard Almon Glenn, age 89, of Perry, OH. On October 2, 2022, Dick went to be with the Lord. He was born January 21, 1933, in Painesville, OH to Edison and Bernice Glenn.

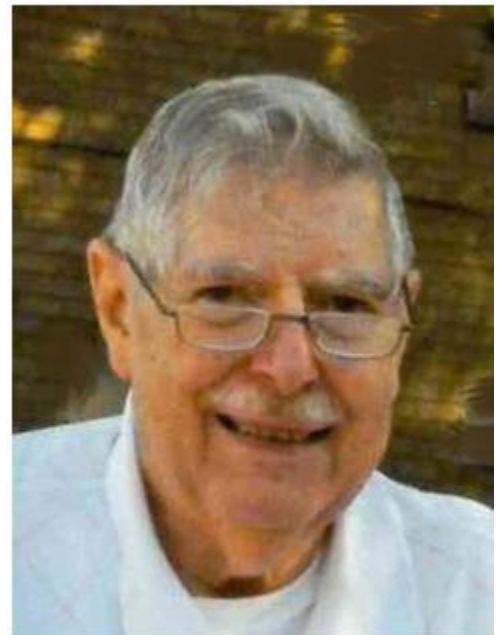
He graduated from Harvey High School, Class of 1951. Dick served in the U. S. Army in Germany for two years and worked at Lubrizol for many, many years. Richard was a life member of First Church of Christ, Painesville.

Dick enjoyed long distance cycling, spelunking, Ham Radio Club, photography, computer games and any competitive activities. He was known for his warm smile.

The family would like to thank our family and friends for their love, care, and support.

Richard is survived by his wife, Valerie (McKeowan) Glenn; sister-in-law, Wanda Glenn of Pensacola, FL. ; nephew, Jeff (Amy) Glenn and niece, Terry Schultz.

He was preceded in death by his parents; first wife, Phyllis Bernhardt Glenn, and brother, Forrest Glenn



Backscatter for November 2022

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

118 Years Ago: The first electron tube, called a diode thermionic valve, was invented by John Ambrose Fleming. It consisted of a carbon or tungsten filament lamp, to which was added a metal plate (insulated from the filament), and a connecting wire leading to a third terminal. When current was applied to the filament making it incandescent, the space between the filament and the insulated plate conducted electrons in only one direction. If the valve was connected to an ac circuit, its one-way conductivity converted the oscillating current into a unidirectional current.

116 Years Ago: Based on Fleming's two year earlier work, Lee DeForest announces his three-element electrical vacuum tube, e.g., a triode. He had discovered that when a mesh, or grid, of wire was placed between the filament and collector plate in a diode tube, a large voltage-amplifying effect could be produced. Patented in January 1907, the ability of this tube to amplify weak signals was huge, and it made long-distance communication possible.

40 Years Ago: PY0 St. Peter & Paul Rocks shows up on 20 meters, creating a pileup covering the entire phone band. Chuck, N8BZA, after complaining about such sloppy operating, reveals the way to find where they are listening; watch for spots on the 146.515 NOARS repeater.

The first reading is held for Ken, N8EIH.

35 Years Ago: Radio Officer Rusty demonstrates the newly installed 440 repeater. Half the club rushes to AES to buy a UHF rig.

30 Years Ago: Lightning Strikes the Repeater! Following a hit during a thunderstorm, the 2 meter voter blows a transistor, and the final amp is out of service. An IC in the 220 system is trashed, and the DVR is DOA. Additional lightning protection equipment is ordered.

Congress enacts a ban on the manufacture of scanners that can copy cellular phone transmissions. The Monitoring Times claims that "there are 24 reasons why this bill [is] unworkable" How's that again?

25 Years Ago: UP moves. The Friday Lunch Bunch moves from the Lithuanian Club on East 185th Street to the Home Town Buffet on Wilson Mills.

Joe Paquin, W2TSI, discusses and gives a BASIC (eh?) program that calculates the RF field at varying distances from an antenna, and determines if they meet the new FCC regulations.

20 Years Ago: At Homebrew Night, John, KB8YJY shows his 440 MHz eggbeater antenna for down linking the AO-27 and UO-14 satellites.

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NITA recommends the FCC not grant an ARRL petition for a domestic-only, secondary Amateur Radio allocation at 5 MHz

15 Years Ago: Bill, KB8EB offers a shopping bag of early issues of QST from the late 1920's through the early 1930's. Free to anyone who can pick up the bag.

Reno, WT8C describes how to construct 80 meter coaxial antennas.

10 Years Ago: Windows 8 arrives.

5 Years Ago: Ed, KB8BKE and Jim, AA8OY reported on the Carolina Windom antenna at the Historical Society, and it's tuning.

###

DX Alert

by: Jim Pyle AA8OY



DX Alert, November 2022

MALAWI, 7Q Don, K6ZO, is QRV as 7Q6M until November Activity is on 160 to 6 meters.

29.

QATAR, A7. Special event stations A722FWC, A71FIFA, A72FIFA, A73FIFA, A74FIFA, A75FIFA, A76FIFA, A77FIFA, and A78FIFA are QRV from various locations in Qatar until December 18 during the FIFA Football World Championship.

MOZAMBIQUE, C9. Jean-Louis, ZS6AAG is QRV as C96JLH from Nametilwhile, working for "Doctors Without Borders". Activity is in his spare time. He has been active on Satellite QO-100, but also on 20 meters using FT8. His length of stay is unknown.

SAINT BARTHELEMY, FJ. Phil, K2LIO is now QRV as FJ4WEB. Activity is on 40 to 10 meters using SSB. GUINEA BISSAU, J5. Carlos, CT2GQA is QRV as J5JUA and is active until the end of 2022. Activity is mostly using FT8, and as a mobile station. He may also use J5GQA.

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PAPUA NEW GUINEA, P2. A large group of operators will be QRV asP29RO from Loloata Island, IOTA OC-240, from October 25 to November10. Activity is on all bands and modes.

SINT MAARTEN, PJ7. Ed, N2HX is QRV as PJ7PL until December 9. Activity is holiday style on the HF bands using CW, SSB, RTTY, andFT8.

SUDAN, ST. Nader, ST2NH has been active using FT8 on 20 meters just after 0100z.

FALKLAND ISLANDS. Garry, ZC4GR is QRV as VP8DLB from Port Stanley and is here until December. He is active on 40 to 10 meters usingFT8.

ALBANIA, ZA. Dragan, 4O4A is QRV as ZA/4O4A.

ST. HELENA, ZD7 HB9FIY (aka M0ISF), Christopher, is planning to be on St. Helena Island, from November 5 to 26. In his spare time he will be operating with a KX3 and KXPA100 using a vertical fan dipole. Activity will be on SSB, PSK31 and RTTY on 40, 20, 17, 15 and 10 meters.

CORSICA, TK A team from Slovenia is heading to Algajola, Corsica for the CQ World Wide DX CW Contest, November 26-27. The multi-two effort will be using the call TK0C. The team will include S55OO, S53ZO, S57AL, S53F, S53WW, S57L, S53CC, S57C, S53RM, S53MM, S57K, S57VW and S53BB. They will be there from November 21-29.

Happy hunting!

Jim, AA8OY
Thanks to ARRL DX

Upcoming Contests: (from the OSJ/WA7BNM)

Oct. 29-30	CQWW DX SSB Contest	www.cqww.com/index.htm
Nov. 1	Silent Key Memorial Contest	https://skmc.hu/en/rules.html
Nov. 2	UKEICC 80 Meter Contest SSB	https://ukeicc.com/80m-rules.php
Nov. 2	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Nov. 5-6	IPARC Contest	www.iparc.de
Nov. 5-7	ARRL CW Sweepstakes	www.arrl.org/sweepstakes
Nov. 6	High Speed Club CW Contest	www.highspeedclub.org
Nov. 7	RSGB Autumn Series, Data	https://bit.ly/31qpcJl
Nov. 9	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Nov. 12	FISTS Saturday Sprint	www.fistsna.org/operating.html#sprints
Nov. 12-13	10-10 Digital Fall Contest	http://bit.ly/1FrFeBc
Nov. 12-13	ARRL EME Contest	www.arrl.org/eme-contest
Nov. 12-13	CQ-WE Contest	https://cqwe.cboh.org
Nov. 12-13	JIDX Phone Contest	www.jidx.org
Nov. 12-13	OK/OM CW DX Contest	http://bit.ly/19rrRjl

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Nov. 12-13	Worked All Europe RTTY Contest	https://bit.ly/36ubggF
Nov. 12-14	PODXS070 Club Triple Play Low Band Sprint	http://bit.ly/2Cq2yUA
Nov. 13	FIRAC HF Contest	www.firac.de/html/contest.html
Nov. 13-14	Fall Classic Exchange CW	www.classicexchange.org
Nov. 15-16	Fall Classic Exchange CW	www.classicexchange.org
Nov. 16	RSGB Autumn Series, SSB	https://bit.ly/31qpcJl
Nov. 16	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Nov. 18	YO International PSK31 Contest	www.yo5crq.ro/index.htm
Nov. 19	All Austrian 160M Contest	https://bit.ly/3fgsiUo
Nov. 19	RSGB 2nd 1.8 MHZ Contest CW	https://bit.ly/31qpcJl
Nov. 19	SARL Newbie Party	http://bit.ly/H0IqQf
Nov. 19-20	LZ DX Contest	http://lzdx.bfra.bg/rulesen.html
Nov. 19-20	REF 160-Meter Contest	https://bit.ly/3iHzsQU
Nov. 19-20	SARL Field Day Contest	http://bit.ly/H0IqQf
Nov. 19-21	ARRL SSB Sweepstakes	www.arrl.org/sweepstakes
Nov. 20	FISTS Sunday Sprint	www.fistsna.org/operating.html#sprints
Nov. 24	RSGB Autumn Series, CW	https://bit.ly/31qpcJl
Nov. 26-27	CQWW DX CW Contest	www.cqww.com/index.htm
Nov. 28	RSGB FT4 Contest Series	https://bit.ly/31qpcJl
Nov. 30	UKEICC 80 Meter Contest CW	https://ukeicc.com/80m-rules.php

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>10/30/2022 - Massillon Hamfest (OH) Location: Green, OH Sponsor: Massillon Amateur Radio Club Website: http://w8np.org Learn More</p>	<p>12/03/2022 - FCARC WinterFest Location: Archbold, OH Sponsor: Fulton County Amateur Radio Club Website: https://k8bxq.org/hamfest Learn More</p>
<p>01/15/2023 - Sunday Creek Amateur Radio Federation Hamfest Location: Shade, OH Sponsor: Sunday Creek Amateur Radio Federation Website: QRZ.KC8AAV Learn More</p>	<p>03/11/2023 - MOVARC Hamfest Location: Bidwell, OH 45614, OH Sponsor: Mid-Ohio Valley Amateur Radio Club Learn More</p>

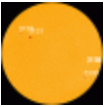
ARRL News:

[Student Radio Contact with the International Space Station Inspires Hurricane-hit Community](#)



Students from Canterbury School in Fort Myers, Florida, were able to spend a few minutes on Monday, October 24, 2022, talking with Astronaut Josh Cassada, KI5CRH, onboard the International Space Station (ISS) using ham radio. [Read More](#)

[The K7RA Solar Update](#)



Sunspot activity seems listless. [Read More](#)

[Amateur Radio Club Members Assist Law Enforcement](#)



WARC manned a 30-foot-tall mobile observational Infrastructure Protection Unit, or SkyWatch tower, at Ohio's Wayne County Fair in September again this year. [Read More](#)

[Amateur Radio Operators Invited to Participate in Scientific Experiments](#)



The High-frequency Active Auroral Research Program (HAARP) will be conducting their largest experiment and research campaign from October 19 - 28, 2022. Amateur radio operators are invited to listen and participate. [Read More](#)

QRZ Ham Radio Trivia Quiz

The scientist who first observed sunspots and suffered loss of vision from gazing into the sun was:

- A: Edison
- B: Galileo
- C: DaVinci
- D: None of the above

As of 1999, the country with the most amateur radio licenses was:

- A: United States of America
- B: Japan
- C: China
- D: Russia

Who was the manufacturer of the "Benton Harbor Lunchbox"?

- A: Heathkit
- B: Eico
- C: Trio
- D: Tupperware

What is Electromotive Force?

- A: Electric power for a car.
- B: Electric force or potential that causes current to flow
- C: The force to light a light bulb
- D: The power that is used to run trains

Answers on page 21



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, 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 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 , if you have any questions,



###

Free General Class Course on Zoom starting Oct 27, 2022

A free, weekly, live, Amateur Radio General Class Licensing course on Zoom will begin on Thursday, Oct 27 and will run through Thursday, January 5. There will be 9 sessions, with two breaks for holidays.

The three-hour sessions will start at 6:30 PM Eastern Time. Sessions will be recorded.

“These are the classes that we have been holding for years sponsored by the National Electronics Museum”

. Those wishing to sign up should email roland.anders@comcast.net.

73, Rol Anders, K3RA
Ohoj Section Journal



3rd Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **November 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. 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 2nd Wednesday.

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

LCARA Public Service and Club Events

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@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 >

For Sale:

- 1) Icom 275H 100 watt all mode 2 meter transceiver
- 2) Yaesu FT 817ND

Joseph Koskovics < n8jko@outlook.com >

For Sale:

Flight Case: \$60.00

The case is a Stellar Labs flight case, from the former MCM Electronics. It is a 4 rack space unit that has a 7 in high opening with rack rails. The case is 15 in deep and accommodates standard rack shelves. The unit has seen no real use and is in mint condition and includes one rack shelf. Price is \$60. Please contact by email.

Cal Pengov < cpengov@att.net >

For Sale:

Mosely TA36

Six element beam with rotor and manual \$250.00

Collins 30L-1

HF Linear Amplifier with high output tubes with manual \$800.00



Since 1978

November 2022

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
		1 All Saints' Day	2 LCARA Meeting 7:30pm All Souls' Day	3 2 Mtr. Net 7:00pm	4	5
6 Daylight Savings Time Ends	7 LC ARES Net 7:30pm	8 Election Day	9 LCARA Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	10 2 Mtr. Net 7:00pm	11 Veterans Day	12
13	14 LC ARES Net 7:30pm	15	16 3 rd Tuesday Breakfast 10 Mtr. Net 8:30pm	17 2 Mtr. Net 7:00pm	18	19
20	21 LC ARES Net 7:30pm	22 3 RD Tuesday Breakfast	23 10 Mtr. Net 8:30pm	24 Thanksgiving Day	25	26
27 First Sunday of Advent	28 LC ARES Mtg. 7:30pm	29	30 10 Mtr. Net 8:30pm	2 Mtr. Net 7:00pm		

QRZ Ham Radio Trivia Quiz

Answers

The scientist who first observed sunspots and suffered loss of vision from gazing into the sun was:

- A: Edison
- B: Galileo
- C: DaVinci
- D: **None of the above (Correct)**

As of 1999, the country with the most amateur radio licenses was:

- A: United States of America
- B: **Japan (Correct)**
- C: China
- D: Russia

Who was the manufacturer of the "Benton Harbor Lunchbox"

- A: **Heathkit (Correct)**
- B: Eico
- C: Trio
- D: Tupperware

What is Electromotive Force?

- A: Electric power for a car.
- B: **Electric force or potential that causes current to flow (Correct)**
- C: The force to light a light bulb
- D: The power that is used to run trains

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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.

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*147.210 +.600 MHz -PL tone of 110.9 Hz
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444.650 + 5.0MHz -PL tone of 131.8 Hz.*