



The LCARA Patch

10 METER ROUNDTABLE
WEDNESDAY @ 20:30 HRS
28.450 MHz

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

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

Board Members

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

Patch Staff

Editor: Ed KB8BKE
DX: Jim AA8OY
History: Scott KO8O
Sunshine: Bob K8QXO

Standing Committees

ARES/Public Service	Mike Goffos	WB8ZGH
ARRL /OH Gov. Liaison	Bob Winston	W2THU
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
Planning	Vacant	
Program Director	Joe Koskovics	N8JKO
Publicity	Bob Mekinda	K8QXO
Repeater	N8IJG - KB8BKE	
Sunshine	Bob Mekinda	K8QXO
Web Master LCARA	Bill Wihebrink	N8IJG

**Our Next meeting will be held on
November 6th
UH Tri-Point Physicians Pavilion
7590 Auburn Rd.
Ground Floor – Meeting Room #2**

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Message from the President

Greetings,

Our next club meeting will be held on November 6th, at the UH Tri-Point Physicians Pavilion Building. Enter via the ground floor just off the north parking lot and continue past the elevators down the hall to find the meeting room, on the right. Our guest presenter for November will be Tom Sly (WB8LCD). Tom is the ARRL Ohio Section Manager and he will be in person, speaking to us about QRP operating. It should be an interesting presentation for all. For those who cannot attend, we will as always, stream the meeting online via Zoom. Hope to see you there.

Sadly, we must report that we have lost another club alumnus. Bruce Hepner (WA8CAG), former member and Fairport resident, passed away earlier this month. His notice is in this issue.

Our very busy 2024 public service season has at last concluded. As a group, we participated in 14 events and had some 105 volunteers from our, and a even a few other counties, who gave of their free time to help for a total of 687 man hours. Great job team!

It is time to renew your LCARA membership for 2025. Renewal forms and payment instructions are available on our website. We do accept payment by mail or credit card. You can also pay by cash (or check) if renewing in person at a club meeting.

Hope everyone has a great Thanksgiving

Stay safe and be well. '73

-Ed

Did you know that LCARA is eligible to receive a \$5 rebate check from the ARRL, for those renewing their ARRL membership (\$15 for new ARRL members)? In order for us to receive the rebate, a separate form needs to be included when you send in your application and payment. Contact me or any board member for the form or should you have any questions.

Membership Meeting Minutes

Membership Meeting Minutes for 10/2/24

Board Members Present:

KB8BKE – Ed Kopcak, President / Treasurer
KE8HJL – Tom Revolinsky, Vice President / Secretary
N8IKO – Joe Member at Large

Attendees:

Ed KB8BKE	Tom KE8HJL
Greg WE8WZT	Bill N8IJG
Bob K8QXO	Jim AA8OY
Cal W8BZP	Larry WE8PHI
Anthony K8ZT	Bob W2THU
Roy	Rick K8RYK
Joe N8JKO	Rick W8QL
John KB8YJY	Paul KE8PP
Bob N8KBX	Evan W8LSQ
Bob KF8AIM	Joe N8JKG
Chris W9TEK	Bill N8WCL
Neal NF1X	Mike WB8ZGH
Jon KF8CEU	

President: ED (KB8BKE):

- The meeting was called to order at 7:33 am and was held at Tri-Point Physicians Pavilion.
- Anthony Luscre (K8ZT) - Gave a presentation on Portable Radio Operations. His website offers many resources and may be found at: www.tiny.cc/portop
- The minutes from the Sept meeting were approved.

Member At Large: Joe (N8JKO)

- Joe has a series of speakers lined up and thanks everyone for all the suggestions.
- Tom Sly will present in Nov on QRP operations.

Radio / Repeaters: Bill (N8IJG):

- All the repeaters are operational and working fine.
- Tomorrow's net will be live streamed on YouTube.
- 210 is idle most of the day – please use it.
- Jim is taking a break at the end of the month. We need net operators for Thursday night net.

Secretary Report: Tom (KE8HJL)

- Nothing to Report

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Treasurer Report: ED (KB8KBE):

- Treasury is in good shape. We will have a budget meeting in Dec.

Sunshine: Bob K8QXO

- No report

DX Report: Jim (AA80Y)

- See Jim's Report

Public Service / ARES: Mike (WB8ZGH)

- The Northern Ohio Half Marathon is on Oct 6th.
- This will conclude our public service season for 2024

Historical Society: Bob K8QXO:

- They are preparing for the Christmas show. No dates yet. They will want us to man the radio room

ARRL Liaison: Bob (W2THU):

- The ARRL has a sponsor for the Home Readiness Bill. It will enable you to put an antenna up in an HOA

Ohio Legislative Liaison: Bob (W2THU)

- No news on legislation.

VE Testing: Don (WA8TWM)

- Testing this Saturday at the Kirtland Library.

Nets: Ed (KB8BKE)

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)

New Business:

- Bob K8QXO is going off the air until he can get a shack set up at this new condo.
- Joe challenged everyone to try and use the repeater throughout the week to try and make contacts.
- The Pumpkin Festival is this weekend and GARA needs volunteers.

50/50 Raffle - \$31 -

Meeting adjourned at: 9 p.m.

Tom (KE8HJL)



Sunshine Report for November 2024

by: **Bob Mekinda K8QXO**

Julius J. "Butch" Hepner (WA8CAG) SK



Julius J. "Butch" Hepner 87, of Russell, PA (formerly of Fairport Harbor, Ohio), died peacefully on Monday, October 7, 2024, at his home in Russell, PA. He was born on May 26, 1937, in Cleveland, Ohio, son of the late Julius and Magdalene (Hartman) Hepner. At the age of 10, his family moved to Fairport Harbor, Ohio where he resided until 2021 when he moved to Russell, PA to be near his daughter. Butch attended St. Anthony of Padua Catholic School and later, Harding High School in Fairport Harbor, Ohio. He was an active member of St. Anthony of Padua Catholic Church. In 1954, Butch joined the United States Air Force where he served as an Airborne Radio Operator. ***This instilled in him the love of ham radio operation which he continued up until his death as a licensed amateur radio operator with his call sign of WA8CAG.*** After his service in the Air Force, Butch was employed at the Lubrizol Corporation in Painesville, OH as a chemical operator until his retirement in 1997. In his spare time, he enjoyed the outdoors, especially hunting at his cabin, "Camp Blue Jay" near Rocky Gap in Warren, PA. In his late 40's, he began running and even competed in several 5k races. Butch is survived by his children, Dennis Hepner of Fairport Harbor, OH, Diane Anderson and husband Craig of Russell, PA, who was always considered more than a son-in-law to him, and many nieces, nephews and family friends. In addition to his parents, Butch was preceded in death by his loving wife, Marsha (Mora) whom he married on July 11, 1959, an infant son David, his brother Fr. Ernest Hepner, and his sister Irene Zsitnyar. Per Butch's wishes, a private Catholic Ceremony was held at the Donald E. Lewis Funeral Home, Inc. with Fr. Richard Tomasone of St. Joseph Roman Catholic Church, officiating. Burial was at Riverside Cemetery, next to his loving wife, in Painesville, OH. Memorial donations may be made to The Juvenile Diabetes Foundation, or a Humane Society of your choice. Email condolences may be sent by visiting www.lewisfuneralhomeinc.com

Backscatter for October 2024

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

163 Years Ago: The first direct telegraphic link between New York and San Francisco was established.

145 Years Ago: Thomas Edison signed the patent application for his electric lamp, U.S. Patent 223,898. In the next few weeks he also filed for patents in Britain, Belgium, Italy and France.

140 Years Ago: UTC? Greenwich Mean Time (GMT) was adopted at a meeting of the International Meridian Conference in Washington, DC. The International Date Line was drawn and 24 time zones created.

78 Years Ago: The first coin-operated television was displayed in New York . It operated when a 25-cent coin was inserted. Named the Tradio-Vision, it contained 20 tubes plus a 5-in cathode ray tube that reflected a 500-line image on a mirror on the 8" x 9" lid of its cabinet.

45 Years Ago: The WARC (World Administrative Radio Council) votes to keep the CW requirement only for those frequencies below 30 MHz. The US proposal to change the CW "requirement" to a "recommendation" fails.

The FCC approves use of ASCII by amateurs, opening the way for packet radio.

Collins introduces the KWM-380. Atlas Radio goes out of business.

40 Years Ago: Thanks to quick action by area hams, a new Mentor antenna ordinance is reasonably ham-friendly. "The [antenna] shall be ... behind the ... front line [of the] dwelling ... and shall have a minimum set back of 10' from any property line ... [structures] more than 40' ... shall have a minimum set back of 10' plus one foot for every two feet in height above 40'. [antennas] directly attached to the ... dwelling may have a ... set back of 5', provided they do not exceed 40'. The height of such structures, including antennas ... shall not exceed 60' ...

Of the 20 founding members of LCARA, ten are still members in 1984. Now, 40 years later in 2024, there are three: Bob K8BL, Jack KB8OF, and Mike WB8ZGH.

35 Years Ago: Congress considers raising the annual amateur license fee to \$35.

30 Years Ago: Bruce, N8LXS takes over as newsletter editor.

The P5RS7 operation, supposedly in North Korea, is rejected by the ARRL.

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Bob, K8BL laments the lack of sunspots, and the inability to even work Europe on 20 meters. For relief, he proposes RTTY and satellite QSO's.

25 Years Ago: According to the News-Herald, Willowick is in the midst of enacting an ordinance to regulate amateur towers and antennas. Apparently the law was needed as a ham's tower fell onto a neighbor's house.

Lake County has begun upgrading the two-way radio system used by police and fire departments. Paid for with tax dollars, plus donations from the owners of the Perry Nuclear Power Plant and Lake Tran, insiders claim the upgrade to the new digital system is driven by many in law enforcement who want a system the public, and especially the news media, cannot monitor.

20 Years Ago: Dennis, KI8U is given an award by the QCWA for his weekly operations of the amateur radio station at the Cleveland VA Hospital .

15 Years Ago: The 147.21 and 444.65 repeaters have been moved from Lake East Hospital to the Painesville Red Cross building, with their final destination TBD.

10 Years Ago: Actor Tim Allen, whose character Mike Baxter in the TV show "Last Man Standing" is a ham, gets his own ham ticket, KK6OTD.

5 Years Ago: Field Day operators don't need to rough it anymore! Bob, K8QXO reports that the HF Barn at the Historical Society now has air conditioning and restrooms. A kitchen remodeling is in progress.

DX Alert

by: *Jim Pyle AA8OY*



November 2024 DX Alert

RODRIGUES ISLAND, 3B9 - Kazu, M0CFW is QRV as 3B9/M0CFW until November 27. Activity is on the HF bands.

ESWATINI (KINGDOM OF), 3DA - . A group of operators are QRV as 3DA0DL until November 9. Activity is on 160 to 10 meters using CW, SSB, and various digital modes.

MADAGASCAR, 5R - Janusz, SP9FIH and Leszek, SP6CIK are QRV as 5R8WE and 5R8CI, respectively, from Nosy Be Island, IOTA AF-057, until November 6. Activity is on 40 to 10 meters using CW, SSB, and FT8, including Super Fox mode. Plans are to emphasize activity on 10 and 12 meters.

MALAWI, 7Q - A group of operators are QRV as 7Q1 from Lilongwe until November 2.

EAST MALAYSIA, 9M6 - Saty, JE1JKL is QRV as 9M6NA from Labuan Island, IOTA OC-133, until November 25.

IRAN, EP - A group of young operators are QRV as EP9KNA from Namakabrud near the Caspian Sea. Activity is on 40, 20, 15, and 10 meters using CW and SSB.

WAKE ISLAND, KH9 - Tom, NL7RR is QRV as NL7RR/KH9 until November 11. Activity is in his spare time, around 0600 to 0800z, on 20 meters using SSB.

MARSHALL ISLANDS, V7 - Don, KW7R is QRV as V73KW until September 2025. Activity is in his spare time on the HF bands using mostly CW.

ST. HELENA, ZD7 - Oliver, W6NV will be QRV as ZD7W in the CQ World Wide DX SSB and upcoming CQ World Wide DX CW contests.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX

Upcoming Contests: (from the OSJ)

Contest	Start Date	End Date
CQ WW DX Contest, SSB	10/26/2024	10/27/2024
CQ WW DX Contest, CW	11/23/2024	11/24/2024
ARRL 160M contest	12/6/2024	12/8/2024
ARRL 10M Contest	12/14/2024	12/15/2024

Upcoming Ham Fests: (from the OSJ)

Ohio Hamfests

2024

10/27/2024 - [2024 MARC Hamfest at MAPS](#)

Location: N. Canton, OH

Type: ARRL Hamfest

Sponsor: Massillon Amateur Radio Club

Website: <https://www.w8np.net>

[Learn More](#)

12/07/2024 - [Winter Hamfest](#)

Location: Archbold, OH

Type: ARRL Hamfest

Sponsor: FCARC

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

[Learn More](#)

ARRL News:

□ 10/25/2024 | [The K7RA Solar Update](#)



Key solar indicators were lower this week. [Read More](#)

01/18/2024 | [Results of the 2024 USA/IARU Region 2 Radio Orienteering Championships](#)



The 23rd USA and 12th IARU Region 2 Radio Orienteering Championships, held October 5 - 13, 2024 [Read More](#)

□ 10/18/2024 | [ARRL Teachers Institute on Wireless Technology Impacts 85 Educators in 2024; More Planned for 2025](#)



Eighty-five educators have gotten hands-on with radio technology through the program in 2024. [Read More](#)

Ham Radio Trivia Quiz (Answers on page 22)

What mobile antenna manufacturer used surplus WW II tank antenna sections as part of its antennas?

- A: Workshop
- B: Hustler
- C: Master Mobile
- D: G. R. Ellis

The first edition of the ARRL handbook was published when?

- A: 1919
- B: 1926
- C: 1927
- D: 1930

Which amateur band lies closest in frequency to household microwave ovens?

- A: 2300-2310 MHz
- B: 2390-2450 MHz
- C: 3300-3500 MHz
- D: 5650-5925 MHz

With whom did Guglielmo Marconi share his Nobel Prize for their contributions to the development of wireless telegraphy?

- A: Hiram Percy Maxim
- B: Karl Ferdinand Braun
- C: George A. Armstrong
- D: Thomas Alva Edison



VE Testing Sessions HAM EXAMS

The Lake County Amateur Radio Association will be holding Amateur Radio license exams on the following dates in 2024:

Saturday, December 7th

Testing sessions are held on the first Saturday of every even-numbered month (e.g., February being the second month, etc.) at the Kirtland Library, 9267 Chillicothe Road. The library is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd) and shares a driveway with the Kirtland Municipal Center.

The tests will start at **12 noon**. Please arrive 15 minutes earlier.

To take an exam, you will need a NCVEC 605 Form, which will be available at the test. If you would like to complete one ahead of time, use this link:

https://www.arrl.org/files/file/VEs/NCVEC_Form_605_July_2022_INTERACTIVE.pdf

. 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, instructions can be found here;

<https://www.fcc.gov/wireless/support/knowledge-base/universal-licensing-system-uls-resources/getting-fcc-registration>

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

In addition to the \$15 test fee, **the FCC now charges \$35** to add you to the Amateur Radio database. The FCC will e-mail successful candidates instructions for payment directly to them. **Payment must be made within 10 days of the e-mail.** This charge does not apply to upgrades.



LICENSE RENEWAL (revised)

Doing our VE Tests, I often am asked how to renew one's license. It's been five years since I checked, so it seems time to check how much the process has changed. The answer is ... \$35. Starting about a year ago, the FCC has added a fee to update the database. Now there are two steps:

Step 1: Request an upgrade with the FCC. This costs between zero and \$15, depending on how you go about it. These \$\$ go to the ARRL or W5YI (see below).

Step 2: Then pay \$35 directly to the FCC.

STEP 1:

This can be simple and free, or cost \$8, or cost \$15, or be a real PITA. Renewals can only be made within 90 days of expiration. If you're a little late, don't sweat it, as there's a two year grace period.

There are several ways you can go about requesting your license be renewed:

1. If you're an ARRL member (you are, aren't you ... it is the best deal in amateur radio, and they need your support to defend our frequencies), fill out the NCVEC Form 605, available in pdf from several sources if you Google "NCVEC Form 605". Then mail it with a note that it's a renewal request to: ARRL/VEC at 225 Main St, Newington CT 06111. It's free. If you do this, make sure your Form 605 is the Sept 2017 version or later, and include your FRN, which is probably on your current license. Check the "FCC ULS" database if it isn't. Note that social security numbers are no longer accepted.
2. If you're not an ARRL member, you can do the same thing, but enclose a \$15 check payable to ARRL/VEC with the form..
3. You can have W5YI do it for you at www.w5yi.org Click on "License Renewals" along the left side of the screen and follow the instructions. This costs \$8. Or mail a completed NCVEC Form 605 and \$8 to them at W5YI-VEC, PO Box 200065, Arlington, TX 76006-0065
4. You can do it yourself directly with the FCC. Google "FCC ULS" Click on "UNIVERSAL LICENSING SYSTEM" then click "FILE ONLINE" which takes you to the FCC License Manager page and follow the instructions. This is NOT easy. Note that it has been reported the FCC no longer accepts paper requests for renewal.

If you really don't have a FRN number, on the FCC License Manager in 4 above, click on "Register with the FCC" and follow the instructions. Be sure to link your new FRN with your existing license. After receiving a FRN, you can go back to the ULS Home Page and click on ONLINE FILING to request an update/renewal to your license..

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Regardless of which method you choose, if the US Postal Service is not involved, it may be as quick as one or two days. You are now ready go on to

STEP 2:

The FCC will e-mail you a request to pay \$35 via a credit card. This must be done within 10 business days. They will then change the database to show your new expiration date. They no longer mail licenses; you have to print it out from the FCC ULS site.

Scott KO8O

Third Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is November 19th. Join us at the Perkins Family Restaurant, 700 Mentor Avenue in Painesville. Attendees begin to gather around 8:00am. Breakfast orders are taken around 8:30am.. Club membership is not a requirement to attend, and group averages 15-20 people from all around the area. A chance to 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.



LCARA Board Meeting

Board Meeting



The LCARA Board meets virtually online on the second Wednesday of each month.

. Meetings are open to all members.

Contact any board member if you'd like to attend.

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

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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

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)

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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

Joseph Koskovics < n8jko@outlook.com >

For Sale:

Diamond k 400-38c lip mount (never used) List \$78.00 - asking \$40.00

Barjan Vice-Grip antenna mount (have 3, still in original packaging). List \$28.00 – asking \$10 each.

Contact by email or call (216) 952-5789

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

Bill Collins < 440-221-9150 >

For Sale:

- 1) Ameritron 811 Amp \$600.00
- 2) Palstar AT2K 200 watt tuner \$500.00
- 3) Alinco DR735 2mtr/70cm \$250.00 (incl. RT Software and prgmng cable)
- 4) Yeasu FT2000 HF/50mhz txcvr \$1200.00 (incl MD100 mic)
- 5) SO2000 spkr \$150.00
- 6) Stryker HP955 10 mtr txcvr \$350.00



November 2024

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

QRZ Ham Radio Trivia Quiz Answers

What mobile antenna manufacturer used surplus WW II tank antenna sections as part of its antennas?

A: Workshop

B: Hustler

C: **Master Mobile (Correct)**

D: G. R. Ellis

The first edition of the ARRL handbook was published when?

A: 1919

B: **1926 (Correct)**

C: 1927

D: 1930

Which amateur band lies closest in frequency to household microwave ovens?

A: 2300-2310 MHz

B: **2390-2450 MHz (Correct)**

C: 3300-3500 MHz

D: 5650-5925 MHz

With whom did Guglielmo Marconi share his Nobel Prize for their contributions to the development of wireless telegraphy?

A: Hiram Percy Maxim

B: **Karl Ferdinand Braun (Correct)**

C: George A. Armstrong

D: Thomas Alva Edison

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Amateurs Code

By Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

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

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

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.

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.

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

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

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 welcome and are fully deductible from Federal Income Tax. Items may be reprinted by other non-profit publications without prior permission providing credit is given to the original source and The LCARA Patch.

The Lake County Amateur Radio Association

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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 110.9 Hz
Echo link N9IJG/R Node #665499
224.500 (- 1.6MHz) - PL 141.3 Hz.
444.650 (+ 5.0MHz) - PL 131.8 Hz.