



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 Date Is
June 5th
@ UH Tri-Point Physicians Pavilion
Ground Floor
Meeting Rm. #2

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Message from the President

Greetings,

Our next club meeting will be held on June 5th, at UH Tri-Point Physicians Pavilion. Enter off the north (lower) parking lot, and proceed past the elevators down the hallway to meeting room #2. Doors will be open at 6:30pm. The meeting starts at 7:30pm. For those unable to attend in person, the meeting will also be available online via Zoom. Keep an eye on your email for the link.

This meeting will focus on firming up plans for Field Day, held this year on June 22nd and June 23rd. We will again be operating on the grounds of the Lake County History Center. Please attend this important meeting if you are planning to participate.

Our next public service is on June 16th in Concord and we can still use more volunteers. Find a full list of events and sign-up forms on our website.

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.

Hope to see you at our next meeting.

Stay safe and be well. '73

-Ed

Membership Meeting Minutes

Meeting Minutes for: 5/1/2024

Officers present:

Ed KB8BKE - President /Treasurer

Members Present:

Ed KB8BKE	Bob W2THU
Paul KE8PP	Mike WB8ZGH
Greg KE8WZT	Fran
Bill N8IJG	Marty KE8QWI
Frank K8WLF	Bill N8WCL
Neal N1FX	Bob K8BL
Steve KD8RFJ	Bob K8QXO
Bob N8KBX	Bob KF8AIM
Dave KE8WOC	Ron NU8N

Visitors Present:

Sally N1BCF	Chris W9TEK (G)
Steve KF8AOR	Pat
Axel K8AXX	

Meeting called to order at: 7:32pm

By: KB8BKE

Presenter: Axel Fisser

Presentation topic: Dual Isolated Batteries

- Axel made a well received presentation explaining the theory and best practices regarding using Lithium batteries as a back up or primary source of dc power either at home, in your vehicle or for a go kit. A recording of his presentation is available upon request.

Corrections / additions to meeting minutes as recorded in the Patch:

- WB8ZGH was left off the list of meeting attendees.
- Minutes approved

Any other corrections / additions to the Patch:

- None

Secretary Report:

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- None

Treasurer Report:

- All accounts are in order

Director-at-Large Report:

- None

Radio Officer Report:

- Repeaters are operating well
- This Thursday the 2 meter net will be simulcast on YouTube @ N8IJG

DX: {Jim-AA8OY}:

- None

Field Day: (Jim-AA8OY):

- Survey to be sent to all so those wanting to help can sign up
- June's meeting will be planning for Field Day

Public Service: (Mike-WB8ZGH):

- Drop Run this Sunday (5/4)

LCCHS (Bob-K8QXO):

- No Report

ARRL Liaison: (Bob-W2THU):

- No Report
- Bob commented that QCWA is still active and has a net weekly at 8pm pm on 147.015/r, also a quarterly luncheon for members and a monthly newsletter. Anyone can join provided they have held a license for a minimum of 25 years.
- Mention was made about MFJ ceasing operations. Per Bob, the owner states that although MFJ will not have a booth at this year's Hamvention, he will be in the swap meet area.

Nets:

ARES Net: (Joe-N8JKO):

- All are encouraged to check in

2 Meter Net (Ed-KB8BKE / Bill-N8IJG):

- All are encouraged to check in

10 Meter Net {Mike-WB8ZGH}:

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- All are encouraged to check in

Sunshine:

- Jim (AA8OY) is recovering after surgery.
- Steve's (KD8FRJ) father passed last month
- Cal (W8BZP) reports a decision on his pending surgery may be made soon, that his wife's surgery is delayed and that his son has completed his course of chemo-therapy treatments.

Old Business:

- None

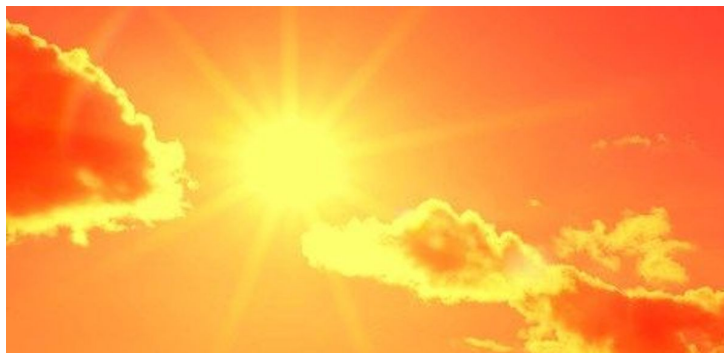
New Business:

- NEO-HCC annual convention in June at LCC
- ICS G-217 later this month at Lake EMA (registration required)

50/50 raffle winner: Bob (K8QXO) won \$13 and donated his proceeds back to the club.

Meeting adjourned at: 9:15pm

Minutes submitted by: Ed KB8BKE



Sunshine Report for June 2024

by: Bob Mekinda K8QXO

Our condolences to Larry and Melody Leasko and their family on the recent passing of Mel's mother.

Backscatter for June 2024

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

128 Years Ago: The first radio patent was issued to Guglielmo Marconi for wireless telegraphy apparatus.

The initial road test of the first Ford car was delayed an hour because the car was wider than the door of the shed in which Henry Ford built it. The problem was resolved with an ax, and he made the first successful test run on a nighttime drive through the streets of Detroit.

47 Years Ago: The first personal computer, the Apple II, went on sale. The invention of Steve Wozniak and Steve Jobs, it used a 6502 microprocessor, and had the ability to do Hi-res and Lo-res color graphics, sound, and had a joystick input and cassette tape I/O, plus eight expansion slots for adding peripherals. The clock speed was 1MHz, and with Apple's Language Card installed, memory size was 64kB. The Apple II was one of three personal computers introduced in 1977, and despite its higher price, it quickly pulled ahead of the TRS-80 and the Commodore Pet.

If you're wondering about the Apple I: It was an earlier computer that was not much more than a board. One had to supply the keyboard, monitor and case.

45 Years Ago: Less than a month after the .81/.21 tower fell in a storm, it's back up using new Rohn 25G, guyed four ways, at two levels. The 4-bay dipole antenna is repaired, and except for the use of RG-8 feed line instead of the usual Heliac, all is well.

Plans for the first LCARA field day are underway. A site in Thompson is secured, and a 10kw generator lined up. Those interested should contact Larry, WB8PHI.

Amateur gear for sale in a recent catalog includes Gonset, Hallicrafters, Galaxy and Heathkit.

40 Years Ago: Radio Officer Rusty, WA8HAR, describes good and bad reasons for "ker-chunking". Now once again, what is a ker-chunk?

Rumors abound of a Dxpedition to the Spratley Islands, to operate as 1S2CK.

35 Years Ago: Due to interference caused by an increasing number of RF neighbors in the Penthouse Suite, the Club considers moving the .21 input to a remote site. With the other inputs working through the Motorola voter at the main site, the move would be relatively simple.

In QRM es QRN es QSB de K8BL, Bob discusses the use of "73" vs "73's". Since 73 means Best Regards, 73's must mean Best Regardless. Bob questions whether such perfectionism is important.

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30 Years Ago: In another QRM es QRN es QSB de K8BL, Bob describes Dayton '94 as wet, cold, soggy and windy on the outside, and warm, muggy and dense on the inside. No wonder it was moved to May!

25 Years Ago: Top Ten reasons not to miss Field Day: Good food, it's free, nice view, anyone can operate, a chance to play with towers and beams, Dick Wilson needs help on 20, nothing else to do, and finally, in #1 place, you'll see people you haven't seen since last Field Day.

The ARRL Executive Committee plans to recommend a change not to the Association's name, but for it to be used in conjunction with the tag line "The National Association for Amateur Radio."

Jim and Cathie are planning a summer vacation/Dxpedition to St. Lucia. Look for J6/KF8VX and J6/KG8QL on all bands, SSB and RTTY.

20 Years Ago: Field Day chairman Jim, AA8OY declares "We need operators!!!"

15 Years Ago: The June LCARA meeting is held at Penitentiary Glen Park, with the program by Joe Phillips, K8QOE, ARRL's Ohio Section Manager.

Mike, WB8ZGH reports the EOC's repeater antenna has been knocked down by a contractor.

10 Years Ago: Joe, N8JKO after his first visit to the Dayton Hamvention, determines that it "falls somewhere between the 'Swallows return to Capistrano' (and) the 'Buzzards Return to Hinckley'".

5 Years Ago: Bill, N8IJG gives a program on Software Defined Radio, stating that "SDR is basically a computer-based radio scanner that uses a USB interface to a computer."

Tornado hits Hara Arena, ex-home of the Hamvention.

DX Alert

by: *Jim Pyle AA8OY*



DX Alert, June 2024

5H – Tanzania - NK8O (VE3ISD and 5H3DX), Charles, plans a trip to Dodoma, Tanzania, potentially June 18-30. Operation will be on 30-10M CW and FT8 (foxhound)/FT4. “Unless propagation is phenomenal, SSB operation is unlikely,”

FT/G – Glorioso Islands -. This entity is # 7 on the most wanted DX list. It will be a SSB and FT8 operation until June 19. Logs are posted on club log.

FH – Mayotte – F5RQQ and F5TVL have been making 15 M SSB and CW QSOs from Mayotte.

GI - Northern Ireland – Commemorating the 80th anniversary of the D Day landings MN0UGP will be active as GB8DDY June 1 – 28.

HB0 - Leichtstein – DL2SBY, Kazak, will operate as HB0/DL2SBY June 1 -9.

JD1/O – Ogasawara – JA6VCB will be active as JD1BQW from Chichigima May 22 to June 5 and plans to concentrate on 6M and 12M FT8.

T8 – Palau – JA0JHQ will be operating as T88PB June 15 – 17.

V4 – St. Kitts and Nevis - W5JON/V47JA, will again operate from Calypso Bay, St. Kitts vacation home, May 28-June 13, and will be active on 160-6M SSB and FT8.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX

Upcoming Contests: (from the OSJ)

Contest	Start Date	End Date
SWODXA DXDINNER	5/17/2024	
SWODXA DXForum	5/18/2024	
Arkansas QSOP	5/18/2024	5/19/2024
CQ WW WPX Contest, CW	5/25/2024	5/26/2024
ARRL International Digital Contest	6/1/2024	6/2/2024
10-10 International PSK Contest	6/1/2024	6/2/2024
Kentucky QSOP	6/1/2024	6/2/2024
ARRL June VHF Contest	6/8/2024	6/10/2024
All Asian DX Contest, CW	6/15/2024	6/16/2024
West Virginia QSOP	6/15/2024	6/16/2024

Upcoming Ham Fests: (from the OSJ)

<p>05/17/2024 - 05/19/2024 Dayton Hamvention, ARRL National Convention Location: Xenia, OH Type: ARRL Convention Sponsor: Dayton Amateur Radio Association Website: https://hamvention.org Learn More</p>	<p>06/01/2024 - FCARC Summer Hamfest Location: Wauseon, OH Type: ARRL Hamfest Sponsor: Fulton County Amateur Radio Club Website: https://k8bxq.org/hamfest Learn More</p>
<p>07/06/2024 - Mansfield Mid Summer Trunkfest Location: Mansfield, OH Type: ARRL Hamfest Sponsor: Intercity Amateur Radio Club Website: http://W8WE.ORG Learn More</p>	<p>07/20/2024 - NOARSFEST Location: Elyria, OH Type: ARRL Hamfest Sponsor: Northern Ohio Amateur Radio Society Website: http://www.noars.net Learn More</p>
<p>07/20/2024 - Ashtabula County Hamfest 2024 Location: Pierpont, OH Type: ARRL Hamfest Sponsor: Amigos Radio Club Ashtabula Website: https://sites.google.com/view/arca-home/ Learn More</p>	<p>07/21/2024 - Van Wert Hamfest Location: Van Wert, OH Type: ARRL Hamfest Sponsor: Van Wert Amateur Radio Club Website: http://w8fy.org Learn More</p>

ARRL News:

[The K7RA Solar Update](#)



Four halo CMEs first observed over 08-09 May are expected to arrive at Earth on 10-May, starting at 1000 UTC +/- 10 hours. [Read More](#)

[ARRL Learning Center Features Two New Emergency Communication Training Courses](#)



ARRL has released two new courses to train emergency communications (EmComm) operators for volunteering within the Amateur Radio Emergency Service® (ARES®) [Read More](#)

[ARRL Volunteers Obtain Ham Exemption to Pennsylvania Handsfree Law](#)



ARRL volunteers in Pennsylvania have successfully protected the legal right to use amateur radio while operating mobile within the state. [Read More](#)

ARRL Learning Center Features Two New Emergency Communication Training Courses

The ARRL has released [two new courses](#) to train emergency communications (EmComm) operators for volunteering within the [Amateur Radio Emergency Service® \(ARES®\)](#). Both courses are within the ARRL Learning Center.

Basic EmComm course is designed to get a new volunteer started. It provides basic knowledge and tools for any emergency communications volunteer and contains three modules and 11 topics, including required prerequisites. It's expected to take approximately 10 - 20 hours to complete.

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Intermediate EmComm course builds on the lessons learned in the first course and equips volunteer radio amateurs with the tools needed to thrive in the fast-paced environment of public service communications and to understand the legal rights and responsibilities of working with a served agency, as well as teach them and how ham radio fits into the broader incident command (IC) structure.

The new courses replace the previous EC-001 and EC-016 programs, however, certificates of completion earned for the previous courses are still valid. "Training is not a one-and-done thing. Throughout my firefighting and emergency management career, we were constantly taking new courses to reinforce existing knowledge and introduce new concepts," said ARRL Director of Emergency Management Josh Johnston, KE5MHV. "Engaged volunteers should want to stay up to date on advances in the science of emergency communications. I'd even encourage veteran operators to take the new courses."

In 2023, the Federal Emergency Management Agency (FEMA) [revised the Guide for National Emergency Preparedness](#) to specifically include amateur radio. ARRL and FEMA entered into a new Memoranda of Understanding in May 2023 that outlined the importance of trained radio amateurs within the response ecosystem.

"Amateur radio is as important as ever in emergency management," said Johnston. "The new courses will keep hams trained to serve effectively."

The ARRL Learning Center at [learn.arrl.org](https://www.arrl.org/learn) is a member benefit and features many ways to get the most out of your amateur radio license. The Basic and Intermediate EmComm courses are available to anyone with a free www.arrl.org account. Users must log in to the ARRL Learning Center with this account, and functionality the site relies on cookies being enabled.

Ham Radio Trivia Quiz (Answers on page 23)

Which two seasons are best for Sporadic-E propagation?

- A: Winter and summer
- B: Spring and summer
- C: Summer and fall
- D: Fall and winter

What is the purpose of a filament choke in the filament of a triode grounded grid amplifier?

- A: To prevent TVI.
- B: To increase filament voltage.
- C: To prevent 60 Hz hum in the signal.
- D: To un-ground the cathode from an RF perspective.

An amateur radio station is ALWAYS required to transmit identification every 10 minutes and at the end of transmissions.

- A: True
- B: False

At one time what would you expect to find on 500 KHz?

- A: Calling and distress freq for maritime stations
- B: Point-to-point message relays in CW
- C: Beacon stations used in RDF Navigation
- D: Emergency weather broadcasts to ships at sea



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, June 1st
Saturday, August 3rd Saturday, October 5th
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

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FRN, you can go back to the ULS Home Page and click on ONLINE FILING to request an update/renewal to your license..

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 18th .. 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)

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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

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



June 2024

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
						1 VE Testing 12pm
2	3 ARES Net. 7:30pm	4	5 Club Meeting 7:30pm	6 2 Mtr. Net 7:00pm	7	8
9	10 ARES Net 7:30pm	11	12 Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	13 2 Mtr. Net 7:00pm	14 Flag Day	15
16 Lighthouse Half Marathon Father's Day	17 ARES Net 7:30pm	18 3 RD Tuesday Breakfast	19 10 Mtr. Net 8:30pm Juneteenth	20 2 Mtr. Net 7:00pm	21	22 Field Day
23 Field Day	24 ARES Net. 7:30pm	25	26 10 Mtr. Net 8:30pm	27 2 Mtr. Net 7:00pm	28	29

QRZ Ham Radio Trivia Quiz Answers

Which two seasons are best for Sporadic-E propagation?

A: Winter and summer (Correct)

B: Spring and summer

C: Summer and fall

D: Fall and winter

What is the purpose of a filament choke in the filament of a triode grounded grid amplifier?

A: To prevent TVI.

B: To increase filament voltage.

C: To prevent 60 Hz hum in the signal.

D: To un-ground the cathode from an RF perspective (Correct)

An amateur radio station is ALWAYS required to transmit identification every 10 minutes and at the end of transmissions.

A: True

B: False (Correct)

At one time what would you expect to find on 500KHz?

A: Calling and distress freq for maritime stations (Correct)

B: Point-to-point message relays in CW

C: Beacon stations used in RDF Navigation

D: Emergency weather broadcasts to ships at sea

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

Amateurs Code

By Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

BALANCED..... Radio is an ad vocation, 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.

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

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

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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.*