



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
September 4th
@ UH Tri-Point
Physicians Annex Building
Ground Floor – Meeting Room #2**

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Message from the President

Greetings,

Our next club meeting will be held on September 4th, at the UH Tri-Point Physicians Annex Building. Enter via the ground floor entrance off the north parking lot continue past the elevators down the hall to find the meeting room on the left.

Although summer is winding down, September is going to be a busy month for our group.

We will be participating in OSPOTA on September 14th from our usual location within Mentor Headlands State Park. Setup should start around 8am, with the event running from 10am until 4p. All are welcome.

Our ARES team will be activated for the PNPP/ FEMA evaluated drill on September 24th. As part of the exercise we will be running a net looking for check-ins to simulate deployment to various locations throughout Lake County from 8am until approximately 1pm. In addition we will be providing the Red Cross communications support when they demonstrate setting up a shelter at Eastlake – North HS on the 23rd as part of the drill.

On September 28th we will be at the James A Garfield Home from 9am until 3pm to help celebrate the National Park Services' "National Public Lands" week. Stop by to try your hand at operating or just to say hello.

Some news for those of you who are SkyWarn Storm Spotters, Nick Cerreto (N1TVI), has assumed the position of Lake County SkyWarn coordinator for the NWS. Severe weather nets will continue on 444.475/r (pl131.8) with 147.210/r (pl 110.9) as backup for storm related weather reporting, as requested by CLE NWS. Weekly training nets will be held on Sundays at 7:30pm starting in February and running thru November.

That's all for now...

Have a great Labor Day weekend!

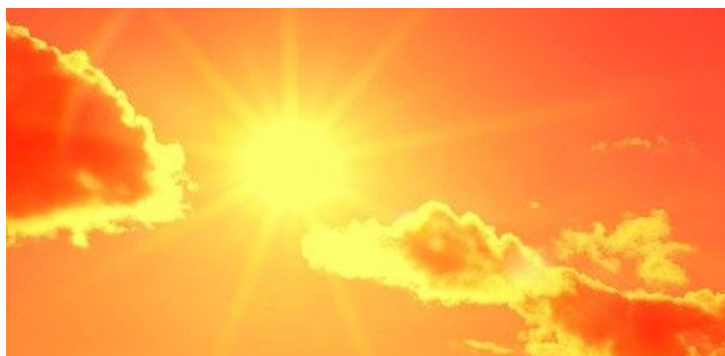
Stay safe and be well. '73

-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

Our regular monthly meeting was cancelled due to the widespread storm on August 8th.



Sunshine Report for August 2024

by: Bob Mekinda K8QXO

News was received of the passing of Rick Christian (N8BY). Rick was a past president of LCARA.

Regrettably, we have no additional information.

More details will be published when they become available.

Backscatter for September 2024

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

93 Years Ago: The first 33 rpm long-playing records were demonstrated at the Savoy Plaza Hotel in New York by the Radio Corporation of America (RCA). Unfortunately, players were so expensive the product flopped. The first plastic LP records as we know them did not come out for another 12 years, when RCA rival, Columbia, began mass production of the LP.

66 Years Ago: Jack Kilby demonstrated a miniaturized electronic circuit to his supervisor at Texas Instruments, now recognized as the first integrated circuit. Nearly six years later, a patent was issued in June of 1964.

45 Years Ago: New newsletter editor, Mike, WD8IVL, reminds everyone “this is y-o-u-r newsletter, and if there is something you would like to contribute, feel free to do so.” He also announces a contest to name the newsletter. Suggestions, anyone?

LCARA operates a message handling booth at the Lake County Fair, however major RFI with both an organ in an adjoining booth and the Fair’s PA system limit operating time.

40 Years Ago: Cal, W8BZP and Norm, W8FPX, offer a Morse code program for Commodore 64 and Vic 20 computers. Speed and spacing are adjustable.

The FCC expands SSB at the expense of CW. 80, 15 and 10 meter phone are expanded into frequencies previously allocated to CW. In related action, the IARU announces sub-bands within the 18 and 24 MHz bands. No word is given as to when the FCC will release these bands for US amateur use.

The Land Mobile Communications Council indicates that 220-225MHz spectrum is small, and could be better used to satisfy the requirements of future Land Mobile users. The FCC responds since no-code is dead, their intended use of 220 as a no-code ham band is no longer valid.

35 Years Ago: The latest proposal for a no-code license by the ARRL is to give the new “Communicator License” all privileges above 220 MHz. Earlier proposals gave no-coders everything above 50 MHz, other than 2 meters.

Solar flux levels have been bouncing between 175 and 250 recently, with the cycle’s peak expected in December. It is likely to be the most active solar maximum in 50 years.

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30 Years Ago: Jim, KF8VX gives his recipe for Field Day Beans:

1 large can pork and beans, 1 can kidney beans, 1 can green beans, 1 can chili beans in gravy, 1 can wax beans, 1 can lima beans, and 1# pork sausage. For the sauce, 1 large can tomato paste, 1 can tomato soup, ½ cup barbecue sauce, 1 cup brown sugar, and bacon strips. Drain kidney and lima beans, cook the sausage, mix, and bake 1 hour at 350 degrees. Triple for Field Day, while using a cement mixer for blending purposes.

Ted, N8XCF reports on operation of the K8RDN Special Events station from the Clothing Optional Midwest Gathering at Turtle Lake Resort in southern Michigan. All Q's were made running barefoot.

25 Years Ago: Our new Amateur Traffic Vests have arrived, and Mike, WB8ZGH says they were a big plus in identifying the Hams as having official status at the recent Little Mountain Folk Festival and Johnnycake Jog & Walk.

20 Years Ago: Hurricane Charley batters west central Florida, causing two dozen deaths, nearly 4000 injuries, with as many as 10,000 homes badly damaged. Hams rise to the occasion, with ARES operators assisting FEMA and working with the Red Cross and Salvation Army.

15 Years Ago: The October LCARA program speaker will be Jeff Covelli, WA8SAJ on "Radios of the Past."

Pres Bill, N8IJG reports the repeater move from Lake East Hospital to TriPoint is "ongoing (with) some issues with the type, size and style of the antenna."

5 Years Ago: Larry, K8LPC receives the 2019 Omar Garlock Award at the Columbus Hamfest as the most outstanding traffic handler on the Ohio Single Side-Band Net.

WWV celebrates its 100th birthday with the special events station WW0WWV.

DX Alert

by: *Jim Pyle AA8OY*



September 2024 DX Alert

TIMOR- LESTE, 4 W. Alan, VK1AO is QRV as 4W/VK1AO from Mount Tatamailau, the highest summit of the country, as well as some POTA sites, until September 4. Activity is on 40 to 10 meters using CW and FT8.

MALDIVES, 8 Q. Zhao, BG4JMI is QRV as 8Q7JM until November 1 while on work assignment.

SOUTH COOK ISLANDS, E 5 /S. Bob, ZL1RS is QRV as E51EME from Rarotonga, IOTA OC-013, Grid Square BG08, until September 15. Activity is focused on 6 meters using FT8 via ionospheres' propagation, and 6 meter EME using Q65/60A.

SOUTH COOK ISLANDS, E 5/S. N2WLG, Tom, will operate as E51WLG on Rarotonga September 1-8 and will be running CW and digital 40-10 M.

ARMENIA, EK. Artem, R2GEO is QRV as EK/R2GEO from Yerevan. Activity is on 40 and 20 meters using SSB and various digital modes.

GUADALOUPE, FG. Thierry, F4IDN is QRV as FG/F4IDN near Capesterre Belle Eau until September 15. Activity is on 40 to 10 meters using SSB and digital modes.

MAURITIUS, 3 B. Paul, 3B8HE, is on the air through January or possibly late February 2025.

GEORGIA, 4 L. F4JZW, Stephane, plans to be in Rustavi, Georgia August 29-September 30. Listen for 4L/F4JZW SSB and FT8 on 80-6M.

GHANA, 9 G. M6NXW, Adam, will be active as 9G5AS from Breman, Ghana until September 5. He will operate QRP on 20-10M SSB and FT8/FT4. QSOs will be uploaded to e QSL, QRZ Logbook and HRD Log.

ARMENIA, EK. R2GEO, Artem, is in Yerevan and will be active as EK/R2GEO on 20 and 40 meters SSB and digital.

GRENADA, J3. N9GB, Greg, is heading back to Grenada and plans to operate as J3/N9GB from September 2-10. He expects to be on the air usually after 7 p.m. local time.

BURKINA FASO, XT. DF2WO, Harald, will go back to Ouagadougou for his next XT2AW operation, starting September 8 and lasting approximately two weeks. He will be active on 80-6M and the eQO-100 satellite.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX

Upcoming Contests: (from the OSJ)

| | | |
|-----------------------------------|------------------|------------------|
| World Wide Digital DX Contest | 8/24/2024 | 8/25/2024 |
| Hawaii QSOP | 8/24/2024 | 8/25/2024 |
| Ohio QSOP | 8/24/2024 | 8/25/2024 |
| Kansas QSOP | 8/24/2024 | 8/25/2024 |
| Colorado QSOP | 8/31/2024 | 9/1/2024 |
| Tennessee QSOP | 9/1/2024 | 9/2/2024 |
| All Asian DX Contest, SSB | 9/7/2024 | 9/8/2024 |
| ARRL September VHF Contest | 9/14/2024 | 9/16/2024 |
| Texas QSOP | 9/21/2024 | 9/22/2024 |
| New Jersey QSOP | 9/21/2024 | 9/22/2024 |
| CQ WW DX Contest, RTTY | 9/28/2024 | 9/29/2024 |
| Maine QSOP | 9/28/2024 | 9/29/2024 |

Upcoming Ham Fests: (from the OSJ)

| | |
|--|--|
| <p>09/22/2024 - Cleveland Hamfest Location: Berea, OH Type: ARRL Hamfest Sponsor: Hamfest Association of Cleveland Website: https://www.hac.org Learn More</p> | <p>09/08/2024 - Findlay Hamfest Location: Findlay, OH Type: ARRL Hamfest Sponsor: Findlay Radio Club Website: http://w8ft.org Learn More</p> |
| <p>10/05/2024 - Scioto Valley Amateur Radio Club Hamfest Location: Piketon, OH Type: ARRL Hamfest Sponsor: Scioto Valley Amateur Radio Club Learn More</p> | <p>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</p> |

ARRL News:

☐ [08/23/2024 | The K7RA Solar Update](#)



Ten new sunspot groups appeared over this reporting week (August 15-21), but both solar flux and sunspot numbers were lower, due to the extraordinary numbers in the previous week. [Read More](#)

☐ [08/22/2024 | ARRL Systems Service Disruption](#)

We are in the process of responding to a serious incident involving access to our network and headquarters-based systems. We are expeditiously working with outside industry experts to address the issue. We appreciate your patience. [Read More](#)

☐ [08/22/2024 | ARRL IT Security Incident - Report to Members](#)



Sometime in early May 2024, ARRL's systems network was compromised by threat actors (TAs) using information they had purchased on the dark web. The TAs accessed headquarters on-site systems and most cloud-based systems. [Read More](#)

☐ [08/15/2024 | ARRL Urges Protecting the Amateur Radio 902-928 MHz Band](#)



ARRL® The National Association for Amateur Radio® is preparing comments urging protection of existing and future amateur uses in the 902-928 MHz Amateur Radio band. [Read More](#)

Ham Radio Trivia Quiz (Answers on page 20)

The Six Meter amateur radio band is between what frequencies?

- A: 50 to 54 MHz
- B: 42 to 49 MHz
- C: 60 to 65 MHz
- D: 70 to 75 MHz

What is an isotropic radiator?

- A: An antenna for satellite transmission uplink in free space
- B: A theoretical free space antenna for referencing gain measurements
- C: An antenna that can be mounted to the space station
- D: An antenna that is in free space to receive distant signals

The digital Television service in the USA uses a set of standards developed called ATSC which stands for what?

- A: American TV System Control
- B: Amateur Television Service Community
- C: Advanced Transmitter System Capacity
- D: Advanced Television Systems Committee

In the USA, the method of transmitting digital FM commercial radio and analog radio broadcast signals simultaneously on the same frequency is called what?

- A: NTSC
- B: QPSK
- C: IBOC
- D: FMDA



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, 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 September 17th. 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



September 2024

| Sun. | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. |
|-------------------------|---------------------------|--|---|--|------|---|
| 1 | 2 ARES Net. 7:30pm | 3 | 4 LCARA Club Meeting 7:30pm | 5 2 Mtr. Net 7:00pm – Live on YOUTUBE | 6 | 7 |
| 8 Findlay Hamfest | 9 ARES Net. 7:30pm | 10 | 11 Board Mtg. 7:30pm 10 Mtr. Net 8:30pm | 12 2 Mtr. Net 7:00pm | 13 | 14 OSPOTA |
| 15 | 16 ARES Net 7:30pm | 17 3 RD Tuesday Breakfast | 18 10 Mtr. Net 8:30pm | 19 2 Mtr. Net 7:00pm | 20 | 21 |
| 22 CLE Hamfest | 23 ARES Net 7:30pm | 24 | 25 10 Mtr. Net 8:30pm | 26 2 Mtr. Net 7:00pm | 27 | 28 Nat'l Public Lands @ Garfield |
| 29 | 30 ARES Net. 7:30pm | | | | | |

QRZ Ham Radio Trivia Quiz Answers

The Six Meter amateur radio band is between what frequencies?

A: 50 to 54 MHz (Correct)

B: 42 to 49 MHz

C: 60 to 65 MHz

D: 70 to 75 MHz

What is an isotropic radiator?

A: An antenna for satellite transmission uplink in free space

B: A theoretical free space antenna for referencing gain measurements (Correct)

C: An antenna that can be mounted to the space station

D: An antenna that is in free space to receive distant signals

The digital Television service in the USA uses a set of standards developed called ATSC which stands for what?

A: American TV System Control

B: Amateur Television Service Community

C: Advanced Transmitter System Capacity (Correct)

D: Advanced Television Systems Committee

In the USA, the method of transmitting digital FM commercial radio and analog radio broadcast signals simultaneously on the same frequency is called what?

A: NTSC

B: QPSK

C: IBOC (Correct)

D: FMDA

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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

*P.O. Box 1032
Painesville, OH 44077-1032*

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.*