



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



Patch Staff

Editor: KB8BKE

DX: AA8OY

History: KO8O

Sunshine: W8DMP

LCARA Board

Ed Kopcak	KB8BKE	President
Vacant		Vice-President
Donna Wheeler	W8DMP	Secretary
Paul Wheeler	W8PJW	Treasurer
Joe Koskovics	N8JKO	Director at Large

Standing Committees

ARES/Public Service	Mike Goffos	WB8ZGH
Contest	Bob Liddy	K8BL
DX	Jim Pyle	AA8OY
Field Day Chair	Jim Pyle	AA8OY
Program Director	Joe Koskovics	N8JKO
LCHS Liaison	Bob Mekinda	K8QXO
History	Scott Farnham	KO8O
Publicity	Vance Roth	KA8YHZ
Repeater	N8IJG - KB8BKE	
Sunshine	Donna Wheeler	W8DMP
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG

Our next club Meeting: December 1st

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Message from the President

Greetings, fellow travelers

. December's meeting will be online with a presentation from N8JKO, presentation of the budget for 2022 and election of the board members. Hope you will attend.

We were not able to reserve space for a Christmas gathering at LCHS due to the center's month long "Home for the Holidays" event occupying the meeting hall. We will however be staffing our radio room on December 2nd during open hours, so feel free to stop by to say hi and check out the decorations.

We are now accepting dues for 2022. Renewal forms are as always available on our website. Thank you to those who have already renewed.

From the board of LCARA to all of our members and their families, we'd like to wish everyone a very happy and peaceful holiday season.

Please stay safe and be well

'73

-Ed

*Never a Christmas morning
Never an old year ends
But someone thinks of something
Old days
Old times
Old friends*

Membership Meeting Minutes for November 3, 2021

Board Members Present:

KB8BKE – Ed Kopcak, President W8DMP – Donna Wheeler, Secretary
W8PJW – Paul Wheeler, Treasurer N8JKO – Joe Koskovics, Director-at-Large

Attendees:

Ed – KB8BKE	Donna – W8DMP
Paul – W8PJW	Joe – N8JKO
Mike – WB8ZGH	Rick – W8QL
Jim – AA8OY	Bob – K8BL
Bob – W2THU	Neal – NF1X
Larry – WB8PHI	Bill – N8IJG
Jeff – WA8SAJ	Paul – KE8PP
Brad – K8ZM	Tom – KE8HJL
Bob – K8QXO	Dale – KG6WGO
Cal – W8BZP	

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:30 p.m.
- This meeting took place as an online membership meeting using the Zoom platform.
- **President** – Ed (KB8BKE) mentioned:

Presentation Topic (November 3, 2021) – A presenter has not been scheduled to speak at this meeting.

We had a tentative presenter for this evening, but we decided to reschedule due to the demonstration/hands-on piece of his presentation and technology issues at TriPoint. Tony Emanuele (K8ZR) will present at a future in-person membership meeting on the topic of Microwave Communication. His presentation contains “show and tell” items.

Nominations For The Board of Directors – There will be three openings on the Board of Directors in January. If anyone is interested in serving on the board, now is the time to come forward. Ed (KB8BKE) asked the group for any nominations. Nothing heard.

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Annual Holiday Dinner – A Holiday Dinner is not currently planned. Ed (KB8BKE) mentioned that we can plan one if we like. If there is interest, we can book a caterer.

Bob (K8BL) suggested the possibility of a casual event at the Lake County History Center. Perhaps a “walk-thru” “meet and greet” type event of the LCARA club station. Bob (K8QXO) and Ed (KB8BKE) will get together to look at available options.

Meeting Location Options – Ed (KB8BKE) and Joe (N8JKO) will get together to see if a “hybrid” membership meeting (in-person with Zoom option) can be scheduled to take place at the TriPoint in December.

- Additions and/or Corrections to the Patch: No additions/corrections to the Patch were requested.

- **Treasurer Report:** Paul (W8PJW) reported:

Provided a Treasurer’s Report (with highlights).

- **Secretary Report:** Donna (W8DMP) reported:

Received one membership renewal so far for 2022. Thank you.

- **Sunshine:** Donna (W8DMP) reported:

Vance Roth (KA8YHZ) passed away on Tuesday, October 19, 2021. Vance was an active member of LCARA and served on the Publicity Committee. He was a fellow ham and a great friend to many.

A sympathy card was sent to Vance (KA8YHZ)’s wife and a donation was made to the American Cancer Society in memory of Vance.

Sadly, LCARA also learned of the recent passing of Richard Mook (KR8X). Rich passed away on Saturday, October 16, 2021. He was a past member who was active with the Lake/Geauga club in Mentor before LCARA was formed in 1978. He joined LCARA afterward.

LCARA extends its deepest sympathy to the families of Vance and of Richard at this difficult time.

- **Director-at-Large Report:** Joe (N8JKO) reported:

Joe (N8JKO) will present at next month’s membership meeting. The subject of Joe’s presentation will be titled “The Frugal Ham”. “Looking for any deals, bargains, and leads that could not only make it more efficient for us as amateur radio operators but also be cost effective”.

Tony Emanuele (K8ZR) will present at a future in-person membership meeting on the topic of Microwave Communication.

Joe (N8JKO) is looking for presenters for upcoming meetings. Presentation/presenter ideas/suggestions from members are always welcomed and appreciated.

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

CQ Worldwide Sideband Contest – Took place this last weekend. Numbers were up dramatically. Conditions are picking up. This is a good time of the year for contesting.

Sweepstakes are coming up soon on sideband and CW.

The CQ Worldwide CW Contest is scheduled to take place the weekend after Thanksgiving.

DX Report:

TL – Central African Republic – LA7GIA, Ken, started up from Bangui, TL7M, October 30 and goes to November 15, “all bands and modes.” Look for most of the activity on CW and FT8 and later on 160 meters.

3X – Guinea – A few weeks ago F1TM, Jean Philippe, made his first QSOs October 28 on the QO-100 satellite. October 29 he moved on to 15, 12 and 10M SSB.

3A – Monaco – MM0NDX, Col, is in Monaco and teaming up with him will be EA3NT, G4PVM and RA9USU. They will be operating as 3A/home call.

7Q – Malawi – K6ZO, Don Jones, Malawi callsign 7Q6M, arrived in Lilongwe October 26 for an unknown period but expects to be there through November for the CQWW CW contest.

FJ – St. Barthelemy – K2LIO, Phil, has been back on the air as FJ/K2LIO for the past week or so, and will be there until July or August.

HC8 – Galapagos – HD8R is now active until November 7, 160-6 including 60, CW, SSB, digital modes and satellite. They have four stations operating.

OX – Greenland – OZ1DJJ, Bo, is back in Greenland as OX3LX from October 26 to November 9.

VU – India – AB1F, Abie, originally from India, plans to leave this week for his upcoming activity as VU2ABE. He will be QRV between November 6th and December 18. He plans to be active on 10, 15, 20 and 40 meters.

- **Events Public Service:** Mike (WB8ZGH)/Ed (KB8BKE) reported:

LCARA had about 217 hours of public service this month.

LCARA volunteers participated in the following recent events. Thank you to all who volunteered.

Simulated Emergency Test
Rock Hall of Fame
“Touch A Truck”

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Boy Scouts

The Northern Ohio Marathon (last event of 2021)

2022 Events:

Drop Run (Chardon/Concord)

April 2022

- **Lake County History Center:** Bob (K8QXO) reported:

The Lake County History Center has their Christmas Show coming up on December 2, 2021. We will be staffing the radio room. Let us know if you would like to operate for two or three hours at this event.

- **Nets:**

Monday: 7:30 pm. – Lake County ARES Training Net – 147.210 (pl 110.9) – (b/u 147.255 – no pl)

Wednesday: 8:30 pm. – Lake Co. ARA 10 Meter Round-Table Net – 28.450 MHz +/-

Thursday: 7:00 pm. – Lake Co. ARA 2 Meter Net – 147.210 (pl 110.9)

Joe (N8JKO) Net Control Comments:

The Lake County ARES Net is functioning well. Please join if you can. Everyone is welcome.

Ed (KB8BKE) Net Control Comments:

Ed (KB8BKE) will be taking over the 2 Meter Net beginning tomorrow. Anyone interested in serving as net control at any of our nets is welcome.

Mike (KB8ZGH) Net Control Comments:

The Lake County ARA 10 Meter Round-Table Net is alive and well. During winter months participation increases. Participation has increased each week. Just a reminder: We don't meet on LCARA Membership Meeting nights.

- **Other**

Ohio Section Legal Team Update: Bob (W2THU) mentioned that status of the Ohio anti-texting bill has not changed since last month. It takes time to pass this type of legislation.

Bob (W2THU) is looking for more information on Jim Russell (W8BU). If anyone has any information on Jim, please contact Bob at W2THU@arrl.net. Jeff (WA8SAJ) and Bob (K8BL) shared their memories with the group.

Brad (K8ZM) shared his logging software screen along with other programs he is currently running with the group.

DX Engineering will be opening up their showroom soon. Tim Duffy mentioned this showroom update recently on his Youtube channel.

Upcoming Hamfests:

Fort Wayne Hamfest – November 13, 2021 – November 14, 2021

Lawrenceville Hamfest – November 6, 2021 – November 7, 2021

Meeting adjourned at: 8:05 p.m.

Donna (W8DMP)



Sunshine Report

by Donna, W8DMP

Nothing to report at this time

Backscatter for December 2021

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

90 Years Ago: December 8, 1931: The invention of coaxial cable is issued a U.S. patent assigned to the American Telephone & Telegraph Co. Now known as “Coax” as two conductors share the same axis, it is made up of a wire that acts as an inner conductor with an outer conductor wrapped around it, instead of running two wires side by side. That way the electromagnetic field carrying the signal only travels in the space between the inner and outer conductors, virtually eliminating radiation and interference.

Bell Laboratories found that a cable could carry 500 calls. With the addition of in-line amplifiers, the first trans-Atlantic telephone cable was laid in 1956. With improved technology by the 1970s, systems could support up to 132,000 conversations.

40 Years Ago: The FCC eliminates the rule requiring that calls be given at the beginning of each QSO.

Cable television reaches Lake County, solving K8BL’s in-house TVI problems.

35 Years Ago: Radio Officer Rusty, WA8HAR, reports that the UHF machine is now up and working on 444.65

Bill, N8BC, laments the bottom of the solar cycle, with flux levels remaining below 70 for the last several months. However, he predicts that the level of 80, just seen recently, is the beginning of the new 11 year solar cycle.

30 Years Ago: Field Day Chairman Don, WA8TWM reports that we finished 1st in class 8A, and 9th overall in the U.S.

25 Years Ago: Record snowstorms in early November wreak havoc with antennas. Jim, W8AEB loses all but one of several recently installed wire dipoles.

After 500 studies over 17 years, the National Research Council reports there is no evidence that electromagnetic fields cause leukemia or other cancers, or harm human health in any way.

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Jeff, WA8SAJ reviews the new Yaesu FT-50 HT. Covering 2M & 440MHz, it costs only \$340 for the high powered 5 watt version.

20 Years Ago: LCARA and the Red Cross sponsor a special event station at the Red Cross on Bank Street in Painesville. With two HF transceivers and one coffee pot, the station operates continuously from 10 AM Saturday December 8 through Sunday till about 2 PM.

15 Years Ago: Hamfest, RIP. It is announced that due to a lack of response from members, the Hamfest will not be held in 2007, hopefully to return in 2008.

10 Years Ago: Under Public Service, Mike WB8ZGH mentioned that nothing was happening.

5 Years Ago: Bob Winston W2THU, is appointed State Government Liaison for the Ohio Section.

###

DX Alert

by: Jim Pyle AA8OY



December 2021 DX Alert

VK9/N – Norfolk Island - New Norfolk Island resident VK9DX (VK2DX), Nick Hacko, was finally able to get on Topband and due to very low QRN make quite a number of contacts.

S2 – Bangladesh - From an IOTA, AS-140, will be S21DX by S21AM, S21IRC and possibly S21D. This is Manpura Island and the dates are December 16-22. They will have two stations, planning to be on SSB and FT8/4 on 20, 15, 10 and “some 40.”

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A7 – Qatar - OH6MKL, Mika, received his A75HA license. The process took over a year but he now has it in his pocket. Unfortunately all of his equipment is in Finland as it is “not possible to take any radios with you without a licence”. He hopes to have the equipment by the end of next month.

Z2 – Zimbabwe - German operators DL7BO and DJ6TF, both named Tom, will be in Harare and QRV as Z22O and Z21A respectively between December 2 and 15.

Z8 – South Sudan - Z81S is again QRV with IW9FMD operating.

5X – Uganda - John Paul, KN6NNF is QRV as 5X3Z from Kubamitwe. Activity is on 80 to 10 meters using FT8.

6O – Somalia - Ali, EP3CQ is QRV as 6O1OO from Mogadishu until the first week in December while on work assignment. Activity is mostly on 40, 30 and 20 meters using FT8 and FT4, but also CW and SSB.

South Shetland Islands - Lee, DS4NMJ is QRV as DT8A as part of a scientific team on the King Se-Jong Korean Antarctic Base on King George Island, IOTA AN-010, until December 31. Activity is on the HF bands using CW, SSB and FT8.

TZ - Mali - Ulmar, DK1CE is QRV as TZ1CE from Bamako until December 8. Activity is on 160 to 6 meters using CW, possibly SSB, and FT8.

Antarctica - Sebastian, SQ1SGB is QRV as VP8/SQ1SGB while working on the Halley VIa Base until the end of January 2022. Activity is in his spare time on 40 meters using SSB.

VU – India - Special event station AU2JCB will be QRV from November 19 to December 14 to commemorate Jagadish Chandra Bose's birthday. Activity will be on 80, 40, 20, 15 and 10 meters using SSB, with FM on 10 meters and 6 meters.

Happy hunting!
Jim, AA8OY
Thanks to Weekly DX and ARRL DX

###

Upcoming Contests: (from the OSJ)

Dec. 1	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Dec. 2	QRP ARCI Top Band Sprint	www.qrparci.org/contests
Dec. 3-5	ARRL 160-Meter Contest	www.arrl.org/160-meter
Dec. 4-5	PRO CW Contest	www.procontestclub.ro/PCC%20Rules.html
Dec. 4-5	FT Roundup	www.rttycontesting.com/ft-roundup/rules
Dec. 8	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Dec. 12	QRP ARCI Holiday Spirits Homebrew Sprint	www.qrparci.org/contests
Dec. 11-12	ARRL 10M Contest	www.arrl.org/10-meter
Dec. 11-12	Veron 28 MHz SWL Contest	http://bit.ly/2L9eT1L
Dec. 11-12	TRC Digi Contest	https://trcdx.org/rules-trc-digi/
Dec. 11-13	PODXS070 Club Triple Play Low Band Sprint	http://bit.ly/2Cq2yUA
Dec. 12	CQC Great Colorado Snowshoe Run	https://tinyurl.com/y9dytetf
Dec. 17	AGB Party Contest	https://tinyurl.com/6fke5yb6
Dec. 17	Russian 160M Contest	www.grz.ru/contest/detail/90.html
Dec. 18	RAC Winter Contest	www.rac.ca/contesting-results
Dec. 18-19	Croatian CW Contest	www.9acw.org/index.php/rules/english
Dec. 18-19	OK DX RTTY Contest	www.crk.cz/ENG/DXCONTE
Dec. 18-19	Stew Perry Topband Challenge	www.kkn.net/stew
Dec. 19	ARRL Rookie Roundup, CW	www.arrl.org/rookie-roundup
Dec. 26	DARC Xmas Contest	www.darc.de/?id=820
Dec. 26	RAEM Contest	https://raem.srr.ru/rules
Dec. 30	YOTA Contest	www.ham-yota.com/contest

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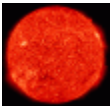
ARRL News:

[Dayton Hamvention Expects to be Live Event in 2022](#)



Dayton Hamvention Expects to be Live Event in 2022. [Read More](#)

[The K7RA Solar Update](#)



Tad Cook, K7RA, Seattle, reports: New sunspots appeared on November 14 and 16, but solar activity was lower and geomagnetic activity as well. [Read More](#)

[Registration is Open for the 2022 ARRL National Convention in Orlando](#)



ARRL and the Orlando Amateur Radio Club (OARC) will host the 2022 ARRL National Convention and Orlando HamCation® February 10 – 13, 2022, in Orlando, Florida. [Read More](#)

[Russia's Destruction of an Orbiting Satellite Raises Space Debris Concerns](#)



Russia tested an anti-satellite weapon on November 15, destroying one of its own old and defunct satellites, Kosmos 1408. [Read More](#)

###

Upcoming Hamfests

[12/04/2021 - FCARC WinterFest](#)

Location: Delta, OH

Type: ARRL Hamfest

Sponsor: Fulton County Amateur Radio Club

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

[Learn More](#)

[01/16/2022 - Sunday Creek Amateur Radio Federation Hamfest](#)

Location: Shade, OH

Type: ARRL Hamfest

Sponsor: club members

Website: [QRZ KC8AAV](http://QRZ.KC8AAV)

[Learn More](#)

[2022 ARRL National Convention](#) at Orlando HamCation®
Orlando, Florida | February 10-13, 2022

QRZ Ham Radio Trivia Quiz

One of the first RADAR systems used by the US Army in 1939 was called the SCR-268.
What frequency RF did it use?

- A: 100 MHz
- B: 14.313 MHz
- C: 2.3 GHz
- D: 200 MHz

In WW2 ham's built what were called "Razor Blade Radios" to listen to radio broadcasts.
What brand and type did they most typically use for their unique properties?

- A: Wilkinson sword blade
- B: Gillette brown blade
- C: Gillette blue blade
- D: Schick double edge blade

Swan amateur radio gear was made in:

- A: Tokyo, Japan
- B: Los Angeles, California
- C: Swan, Wisconsin
- D: Oceanside, California

All commercial broadcast radio stations with the first letter of 'K' in their station call sign
were always located west of the Mississippi River:

- A: True
- B: False

Answers on page 23



HAM EXAMS RETURN TO THE KIRTLAND LIBRARY

The Lake County Amateur Radio Association is once again holding its **2021** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Last session for 2021
Saturday, December 4

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). Starting with October, they are again being held at the Kirtland Library, 9267 Chillicothe Road. It is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd). The library is on the left, just beyond the Marathon gas station.

* Due to COVID the Feb-August tests had been held at an alternate site.

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

To register, you will need a NCVET 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 Googleing "NCVEC quick-form 605" and clicking on the url for a pdf of the form. Effective this last May, **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.

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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 is also necessary, such as a driver's license. To confirm the location, or if you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320, or scottfarnham@roadrunner.com

Note that early next year, the FCC will begin charging \$35 to add you to the Amateur Radio database. This will be payable directly to the FCC, but is unlikely to occur before the first quarter of 2022.



###



3rd Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **December 21st**, at the Perkins Family Restaurant, located at 700 Mentor Avenue in Painesville. Attendees begin to gather around 8:00am Breakfast orders being taken around 8:30am. This group averages 15-20 people from all around the area. Club membership is not a requirement to attend. Meet other Hams, talk over the news of the day and maybe find a buyer for your spare equipment. Bring your significant other, or a friend, to breakfast. It is a fun gathering.

Due to the recent COVID variant upsurge and restrictions being uncertain, having facial covering may or may not be required. Seating with the group is currently limited to ten guests. Overflow guests will be seated within general restaurant seating. Check our website for the latest information.



LCARA Board Meeting

Board Meeting



The LCARA Board currently meets virtually. We will resume in person meetings as soon as it is deemed safe to do so.

Board meetings are usually held at the Tri-Point Medical Center - Physicians Pavilion, lower level in Rm.1002, every 2nd Wednesday.

To find Rm. 1002 using the pavilion entrance, simply continue down the hallway

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into the hospital and past the food court. You may also enter via the hospital main entrance and take the elevator to the ground floor. The room is located just to the right of the main elevators.

All members are welcome.

Our Weekly Nets

Lake County ARES Net

The ARES Net is held **weekly on Mondays at 7:30 pm on 147.210/R – 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
21:30 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Wednesday

09:00 – Trivia Net – 146.940 (pl 110.9)
10:30 – 16:45 – 18:45 – OSSB Net – 3.9725
18:00 – Ohio (slow) – 3.53535
18:45 – Buckeye (early) – 3.580
20:00 – Quarter Century Wireless Association Net – 147.015 (pl 110.9)

Thursday

09:00 – Trivia Net – 146.940 (pl 110.9)
10:30 – 16:45 – 18:45 – OSSB Net – 3.9725
18:00 – Ohio (slow) – 3.53535
18:45 – Buckeye (early) – 3.580
20:00 – Ashtabula Radio Club 2 Meter Net – 146.715 (pl 141.3) – (Echolink node- N8CT/L)
20:00– Lake Erie ARA 2 Meter Net – 146.760 (pl 110.9) – (back/up 146.880 – pl 110.9)
20:00 – Portage County Amateur Radio Society 2 Meter Net – 146.895 (pl 118.8 – Streetsboro input)
(Echolink - use- K8BF-L node #508081)

Friday

09:00 – Trivia Net – 146.940 (pl 110.9)
10:30 – 16:45 – 18:45 – OSSB Net – 3.9725
18:00 – Ohio (slow) – 3.53535
18:45 – Buckeye (early) – 3.580
21:30 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Saturday

09:00 – Trivia Net – 146.940 (pl 110.9)

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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

21:30 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

###

Sell, Seek or Trade

Bill Somrak < KB8EB@cooncat.net >

1) Cushcraft **ATB-34** full size 4 element tri-band yagi antenna. Just taken down from tower as I am downsizing. Currently sitting on the ground in my back yard, assembled. I will give this antenna to someone for **FREE**, who is willing to disassemble it to fit their transport situation. AND WILL USE IT. Boom is 18 ft. long, but can separate into 3 sections. Elements vary from 28 ft. to 33 ft. but can separate into many sections .. all depends on what you have to transport it. I have 2 sets of assembly instructions that will go with it.

2) Yaesu FT-212RH 2 meter FM mobile radio (45W max). Mostly used as a Packet radio, but has seen some mobile use. Tested for power output recently, and finals are good w/manual \$35.

3) Yaesu FT-747GX HF all mode transceiver. Has full general coverage transmit & receive. Used primarily as a HF mobile rig, it can be used as a home station rig in conjunction with a suitable power supply (13.8v – 25amp) w/manual – \$250.

Bill Wihebrink < 440-943-1703 >

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1) Drake TR7 –Transceiver, MS7 – Speaker, WH7 – Wattmeter, PS7- Power Supply, Filters- 1.8KC, 6 KC, 500 KC Manuals & Cables

2) Drake 4 B Line T4XB-Transmitter, R4B – Receiver, MS4 - Speaker & Power Supply, Additional crystals for bands: 10, 18, 24, 27 & 28

3) Icom 275H 100 watt all mode 2 meter transceiver

4) Yaesu FT 817ND

5) Swan 350C w/Power Supply & Cables & Manuals





December 2021

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
			1 LCARA Meeting 7:00pm	2 2 Mtr. Net 7:00pm	3	4
5	6 LC ARES Net 7:30pm St. Nicholas Hanukkah Ends	7	8 LCARA Board Mtg. 7:30pm 10 Mtr. Net 8:30pm Immaculate Conception	9 2 Mtr. Net 7:00pm	10	11
12	13 LC ARES Net 7:30pm	14	15 10 Mtr. Net 8:30pm	16 2 Mtr. Net 7:00pm	17	18
19	20 LC ARES Net 7:30pm	21 3 RD Tuesday Breakfast	22 10 Mtr. Net 8:30pm	23 2 Mtr. Net 7:00pm	24 Christmas Eve	25 Christmas Day
26 Kwanzaa	27 LC ARES Net 7:30pm	28	29	30 2 Mtr. Net 7:00pm	31 New Years Eve	

QRZ Radio Trivia Quiz Answers

One of the first RADAR systems used by the US Army in 1939 was called the SCR-268.
What frequency RF did it use?

- A: 100 MHz
- B: 14.313 MHz
- C: 2.3 GHz
- D: 200 MHz (Correct Answer)

In WW2 the ham's built what were called "Razor Blade Radios" to listen to radio broadcasts. What brand and type did they most typically use for their unique properties?

- A: Wilkinson sword blade
- B: Gillette brown blade
- C: Gillette blue blade (Correct Answer)
- D: Schick double edge blade

Swan amateur radio gear was made in:

- A: Tokyo, Japan
- B: Los Angeles, California
- C: Swan, Wisconsin
- D: Oceanside, California (Correct Answer)

All commercial broadcast radio stations with the first letter of 'K' in their station call sign were always located west of the Mississippi River:

- A: True
- B: False (Correct Answer)

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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, Students \$10.00. Items may be reprinted by other non-profit publications without prior permission providing credit is given to the original source and The LCARA Patch. Articles from members are welcome.

The Lake County Amateur Radio Association

*P.O. Box 868
Painesville, OH 44077-0868*

Proudly serving Lake County & NE Ohio since 1978

To contact us, send an e-mail to: <https://www.lcara.org/contact-us/>

Voice Repeaters N8BC

*147.210 +.600 MHz -PL tone of 110.9 Hz
Echolink N9IJG/R Node #665499
224.500 - 1.6MHz -PL tone of 141.3 Hz.
444.650 + 5.0MHz -PL tone of 131.8 Hz.*