



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



LCARA Board

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

Patch Staff

Editor: KB8BKE
DX: AA8OY
History: KO8O
Sunshine: Vacant

Standing Committees

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

***Our next club Meeting: October 5th
At LCHS***

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Message from the President

Greetings fellow travelers,

October's meeting will be in person only due to technical issues. September's trial run went well and whether it was the guest speaker or that we were also online, attendance increased by 50%. Going forward, we plan on meetings being hybrid online and in person. Thanks to all for your feedback. For November and December, we will return to UH Tri-Point Physician's Pavilion in the same meeting room(s) as in the past. We are awaiting scheduling confirmation for January, February and March 2023.

We had a busy month with members participating in four events. OSPOTA led the way with over 60 contacts including 10 parks not previously recorded, and Fran's superior homemade Chili.

Touch-a-Truck in Willoughby Hill was interesting as always with lots of youngsters, parents or grandparents in tow, former hams, want to be hams and visits by not one, but two Life-flight helicopters.

Last Saturday, we operated from the Garfield Home to help celebrate "National Public Lands" week, with over 175 contacts made via FT-8 and SSB phone, including several "park-to-park" stations.

On Wednesday we were part of the biennial FEMA evaluated PNPP drill at the Lake County EOC and a Decontamination Site / Care Center. These exercises are held to allow all the players, in this or other such disaster, to demonstrate their ability to work together to solve problems and identify potential problems. Amateur Radio is a valued partner and has an important role to play in providing backup and alternative communications to their served agencies.

October will close out our public service season with runs in Mentor and at the Rock Hall. Thank you to all the operators for volunteering, who in doing so help make these events a success and safer for the participants.

Stay well and be safe.

'73

-Ed

Membership Meeting Minutes for September 7th, 2022

Membership Meeting Minutes for Sept 9, 2022

Board Members Present:

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

Attendees:

Ed KB8BKE	Joseph N8JKO
Tom KE8HJL	Jim AA8OY
Mike WB8ZGH & Fran	Bill N8IJG
Tim K3LR	Paul W8PJW
Bill N8WCL	Bob K8BL
Bob N8KBX	Evan W8LSQ
Bob W2THU	Neal NFIX
Scott N8SY	Rick W8QL
Jeff WA8SAJ	Larry WB8PHI
Nathaniel W10LE	Ron NU8N
James KE8NXG	Jeff K4DKW

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:31 p.m.
- This meeting took place in person at the Lake County Historical Association in Painesville Ohio and virtually on Zoom.
- Guest Speaker: Tim Duffy (K3LR)
 - Gave a detailed presentation of the various types of antennas and detailed their advantages and disadvantages. He also gave some excellent tips on antenna construction.
 - He answered questions from the club members.
 - He gave some excellent advice. "If an antenna is working for you – enjoy it" !!!
- **President** – Ed (KB8BKE) mentioned:
 - The motion to accept the minutes for the last meeting was accepted.
- **Director At large:** Joe (N8JKO) reported:
 - The picnic was successful, and we are going to start planning next year's picnic. If you have any suggestions on how to improve the picnic and if the date works or have a better location. Please contact Joe.

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- **Radio:** Bill N8IJG:
 - The 2m /440 is working well. If you use 147.255 the PL is now active (110.9)
- **Secretary Report:** Tom (KE8HJL) Nothing reported
- **Treasurer Report:** Ed (KB8KBE): Nothing to report
- **Sunshine:** Pete Green (N8WGE) is in the hospital as a result of serious injuries due to a car accident.
- **DX:** Jim (AA8OY):

DX activity should be picking up in the fall. Bill (N8IJG) asked if anyone is still using phone much these days or is FT8 being mostly used, considering what is listed on various “spotting” sites lately. Jim (AA8OY) replied that digital is being used more frequently due being able to use low power and the current bad band conditions.
- **Public Service / ARES:** Mike (WB8ZGH)
 - Ohio State Parks on the Air this Saturday Sept 11 at Mentor Headlands from 10 am to 6 pm
 - PNPP FEMA evaluated drill on Sept 26th at the EOC.
- **LCHS Liaison:** (Bob K8QXO)

Nothing to Report
- **ARRL Liaison / Ohio Legislative Liaison:** Bob (W2THU)

The Distracted Driving Bill, HB 283, does have a ham radio exemption. It is unlikely to pass because Ohio residents “don’t want to be told what to do”. As a result, it is stuck in committee and likely won’t get out of committee in the foreseeable future.
- **VE Testing:** Don (WA8TWM)

Next testing session is on October 1st.at Kirtland Public Library
- **ARES NET:** Joseph (N8JKO).
 - ARES nets is running well and asked for additional check ins. The last Monday of the month is the ARES meeting and held online via Zoom.
- **Nets:**

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:**
 - Ashtabula Ham Fest in Pierpont. on Sept 11th
 - Cleveland Ham Fest on Sept 25th
 - Nathaniel (W10LE) asked if he could get help to set up an International Space Station Contact event at Riverside High School. Bill (N8IJG) suggested he contact the NASA Amateur Radio Club acting as an intermediary This enables you get more airtime with the astronauts and they may also supply the equipment needed as well. Larry (WB8PHI) commented he has made contact with the ISS and has an antenna available for use by club members. Nathaniel is

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interested in turning this into a club project. He will be contacting the school and the NASA ARC.

50/50 winner: Rick (W8QL) won and graciously donated his winnings back to the club

Meeting adjourned at: 8:45 p.m. without objections.

Tom (KE8HJL)



Sunshine Report

Update on Pete Greene (N8WGE)

Officer Peter Greene was injured in a car crash on Interstate 90 while off-duty on Aug. 28. A vehicle came across the grass median and struck his van head-on.

The Holden Arboretum Police Department has created a GoFundMe fundraiser to help.

“Pete suffered severe leg injuries and other contusions/bruising from the impact and a concussion with related complications,” the [GoFundMe page](#) states. Pete has a long recovery ahead. The HAPD and Pete’s family appreciate any support in helping with medical bills, vehicle repair expenses and other expenses the family will incur as a result of this accident. Pete is a valued member of HF&G and we hope our efforts with these contributions will support a speedy recovery.”

Backscatter for October 2022

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

144 Years Ago: Thomas Edison establishes the Edison Electric Light Company in New York, with a group of financiers including J.P. Morgan and the Vanderbilts, who advance him \$30,000 for research and development. Edison proposed to connect his lights in a parallel circuit, so that unlike arc lights, which were connected in a series circuit, the failure of one light bulb would not cause a whole circuit to fail. He patented his system in 1880, and the first investor-owned electric utility, Pearl Street Station in New York City provided service for the 400 lamps of 85 customers beginning in 1882. The company became a part of General Electric in 1892.

95 Years Ago: Columbia Phonograph Broadcasting System went on the air with 47 radio stations. The radio network lost money its first year, and in 1929 sold out to a group of private investors for \$400,000, headed by William S. Paley, a Philadelphia cigar manufacturer, and was renamed The Columbia Broadcasting System (CBS).

40 Years Ago: The Perry Nuclear Power Plant treated LCARA to a tour of the nearly finished plant, and it's GE BWR-6 reactors. KO8O speculated at the time as to what had been the issues with BWR models one through five.

35 Years Ago: Fritz, K8WLF, a very foxy fox, hides in a Kirtland police car. George, KD8FJ comes in last after being pulled over by the fox.

A group of broadcasters make a formal proposal to the FCC to create a second FM broadcasting band, between 225 and 230 MHz

30 Years Ago: Bob, K8BL, describes his "possessed" HT, which had the bad habit of transmitting on it's own. This undocumented "auto-transmit" feature caused multiple UPS shipments to the manufacturer who could not duplicate the problem on their bench, or in their cold room. The problem was resolved when Bob included a video tape of the problem occurring, causing the manufacturer to respond "viewed customer's tape, unable to duplicate problem, replaced unit." Bob never did name the manufacturer ... I wonder which it was?

25 Years Ago: Dee, W1HEO, having served his time, begins a search for a new newsletter editor.

The ARRL's DXCC Committee proposes a new definition of a country. It "must consist of two points separated by not less than 100 meters of connected land above the high tide mark, as demonstrated on a chart of sufficient scale. Any island less than this size shall not be considered ..."

Carol Iams, W8WRJ, SK

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20 Years Ago: It's a global world. Newsletter editor Ken, KC8OHF, compiles The Patch from Spain.

15 Years Ago: The program at the September meeting was Joe Phillips, ARRL Ohio Section Manager, who discussed the status of PRB-1.

10 Years Ago: Some things never change. President Bob, K8QXO begins his President's Corner column in The Patch by saying "School bells have rung, football season has started, the Browns are again losing..."

5 Years Ago: Mike Thal, KD8JDL gives \$1000 to put a new HF/VHF transceiver in the LCHS radio room.

###

DX Alert

by: Jim Pyle AA8OY



DX Alert October 2022

COMOROS, D6 - From the D60AE website. As a reminder this one is scheduled for October 5-17.

TANZANIA – 5H – (A1HZ), Tev, will be staying in Tanzania for the next three years. He has been issued the call sign 5H8HZ

MADAGASCAR – 5R – (IK6QON), Francesco, will be active from Madagascar as 5R8FG from October 8-17. This will on HF using CW and SSB on the HF bands.

KENYA – 5Z - (2E0FXY), Wayne, is again QRV as 5Z4WH from Molo, Kenya. Listen for him on FT8 and some SSB on 20, 17 and 15 Meters.

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HR – HONDURAS – (K6VHF), Alex, informs us he is heading back to Roatan, Bahia Islands (NA-057) where he will once again be QRV as K6VHF/HR9 from October 27-31.

OGASAWARA ISLANDS - JD1/O – (JP1IHD), Kou, is planning to on Chichijima (AS—031) in the Ogasawara Islands from October 26 to November 3, including the CQ World Wide DX SSB Contest. He will be operating JD1BQP on 1.8 through 50 MHz mostly on SSB.

BELIZE- V3 - The Mauger Caye Turneffe Atoll (NA-123) team has been scheduled for October 19-23. They plan to be active on CW and SSB on 3.5 through 50 MHz

MOZAMBIQUE - C9 - Bill, C91CCY has been active on 40 meters using SSB around 0400z.

FALKLAND ISLANDS - VP8/F – (2E0HSV - ex M3ILB), Nathan, is now in Stanley, Falkland Islands. He has been issued the call VP8AAE and expects to “soon be active on many of the HF Bands, both Phone and Digital modes”.

MALTA - 9H - Members of the Marconi Amateur Radio Circle will be QRV as 9H6QE from September 17 to October 14 in celebration of the life of Queen Elizabeth I. Activity is expected on 20 to 10 meters, and possibly other bands.

WALLIS AND FUTUNA ISLANDS - FW. Jean, F4CIX intends to stay on Wallis Island, IOTA OC-054, for another two years and QRV as FW/F4CIX. Activity is on 40 to 10 meters using SSB, FT8, and FT4 mainly between 0630 and 0915z.

DODECANESE - SV5. - Sindre, (LA6OP) will be QRV as SV5/LA6OP from Rhodes, IOTA EU-001, from September 18 to October 9. Activity will be on 40 to 4 meters using SSB and FT8.

CHAD - TT - Nicolas, F8FQX is QRV as TT8SN from N'Djamena. Activity is currently on 10 and 6 meters.

CHAGOS ISLAND - VQ9 - Steve, WB4GHY is QRV as VQ9SC from Diego Garcia, IOTA AF-004, until November 16. Activity is in his spare time on 160 to 10 meters using mainly FT8 in DXpedition mode, and SSB.

SOUTH SUDAN - Z8. Karen, EK6KB is a member of the South Sudan United Nations World Food Program in Juba and is now licensed as Z81K.

Happy hunting!
Jim, AA8OY
Thanks to ARRL DX

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Upcoming Contests: (from the OSJ/WA7BNM)

Oct. 1-2	California QSO Party	http://www.cqp.org/Rules.html
Oct. 1-2	Oceania Phone DX Contest	http://www.oceaniadxcontest.com/
Oct. 1-2	SKCC QSO Party	http://bit.ly/2Xl2vvyx
Oct. 1-2	TRC DX Contest	https://trcdx.org/rules-trc-dx/
Oct. 1-2	Worked all Provinces of China DX Contest	https://bit.ly/3AE4d5B
Oct. 2	Peanut Power QRP Sprint	http://www.nogaqrp.org/
Oct. 2	RSGB DX Contest	https://bit.ly/31qpcJl
Oct. 2	UBA ON 80M SSB Contest	https://bit.ly/3kKYKzj
Oct. 3	German Telegraphy Contest	https://bit.ly/3xzuPjw
Oct. 3	RSGB Autumn Series CW	https://bit.ly/31qpcJl
Oct. 5	432 MHz Fall Sprint	https://svhfs.org/2022VHFSprintRules.pdf
Oct. 5	UKEICC 80m Contest SSB	https://ukeicc.com/80m-rules.php
Oct. 5	VHF-UHF FT8 Activity	http://www.ft8activity.eu/index.php/en/
Oct. 6	SARL 80m QSO Party	http://bit.ly/H0lqQf
Oct. 7-9	Nevada QSO Party	http://nvqso.com/contest-rules/
Oct. 8	QRP ARCI Fall QSO Party	http://www.qrparci.org/contests
Oct. 8	Microwave Fall Sprint	https://svhfs.org/2022VHFSprintRules.pdf

Check out the WA7BNM Contest Calendar page (<https://www.contestcalendar.com/>) and CQ Magazine for more contests or more details.

Upcoming Ham Fests: (from the OSJ)

10/15/2022 - [Portsmouth Radio Club Hamfest](#)

Location: New Boston, OH

Sponsor: Portsmouth Radio Club, Jett Fire, Shawnee

Website: <http://www.portsmouthradioclub.org>

[Learn More](#)

10/30/2022 - [Massillon Hamfest \(OH\)](#)

Location: Green, OH

Sponsor: Massillon Amateur Radio Club

Website: <http://w8np.org>

[Learn More](#)

Massillon Hamfest

This beautifully restored B-26 is just one of the many planes you will see at this year's Massillon Amateur Radio Club's Hamfest at MAPS air museum in Green, Ohio.



October 30th is the date. MAPS is located at the Canton-Akron Airport and is easily accessible from I-77.

The \$5 admission covers both the Hamfest and a tour of this great WW2-era museum.

Tables are on sale now (\$15) at:

<https://www.w8np.net/index.php/current-area-hamfests/marc-2022-hamfest-vendor-tables>.

For Info- Gerry Sorensen

club@w8np.net

ARRL News:

[Amateur Radio Operators Continue Response to Ian](#)



As Hurricane Ian, now a tropical storm, makes its way across Florida, amateur radio operators continue to provide communications support for weather updates and requests for assistance. [Read More](#)

[Hurricane Watch Net Update for Ian](#)



The Hurricane Watch Net (HWN) has been in operation since the morning of September 27, 2022, as Hurricane Ian swept across Cuba and headed toward Florida's Gulf Coast. The HWN continues to operate on both 14.325 and 7.268 MHz as propagation permits. [Read More](#)

[FCC Grants an ARRL Emergency Request to Permit Higher Data Rate Transmissions for Hurricane Relief Communications](#)



The Federal Communications Commission (FCC) has granted an ARRL emergency request for a 60-day temporary waiver intended to facilitate amateur radio emergency communications for hurricane relief, adopted on Tuesday, September 27, 2022. [Read More](#)

[The K7RA Solar Update](#)



Geomagnetic disturbances were down this week, but so were sunspot numbers and solar flux. [Read More](#)

QRZ Ham Radio Trivia Quiz

HAAT stands for:

- A: A large piece of headgear
- B: Henry Association Authorized Tower
- C: Huge Antenna Apparatus Termination
- D: Height Above Average Terrain

What kind of propagation would you most likely use to work someone on 80M or 160M on the other side of the world at your sunset and his sunrise?

- A: long path
- B: short path
- C: grey line
- D: ground wave

What does the V in VSWR stand for?

- A: Velocity
- B: Volume
- C: Voltage
- D: Verifiable

Automatic Gain Control (known as AGC or AVC) has been found on radio (ham and broadcast) since the early 1930s. Who invented it?

- A: Edwin Armstrong
- B: Lee DeForest
- C: Harold Wheeler
- D: George Westinghouse

Answers on page 22



HAM EXAMS AT THE KIRTLAND LIBRARY

The Lake County Amateur Radio Association's VE Team will be holding amateur radio license exam sessions on the following dates during 2022:

Saturday, October 1

Saturday, December 3

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

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

To register, you will need a NCVEC 605 Form, which will be available at the test. If you would like to complete one ahead of time, be sure it is the Sept 2017 version or later. You can find it by Goggling "NCVEC quick-form 605" and clicking on the URL for a copy of the form. Please note **the FCC requires you to provide a FRN** (FCC Registration Number). Social Security Numbers are no longer accepted. If you are new to ham radio and don't have a FRN, Google "New FRN" and follow the apps.fcc.gov link.

If you are currently licensed, be sure to **bring a copy of your license to the exam**. The cost of the exam is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture, such as a driver's license is also necessary.

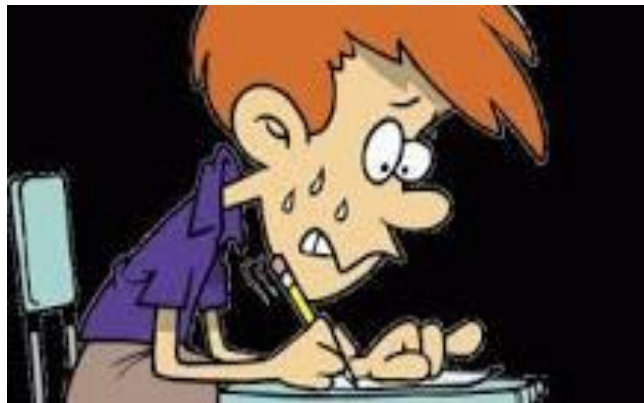
In addition the FCC now charges \$35 to add you to the Amateur Radio database. The FCC will e-mail successful candidates with instructions for payment directly to them. Payment must be made within 10 days of the e-mail. This charge does not apply to upgrades.

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Please contact Scott Farnham, KO8O, at (440)256-0 320, or scottfarnham@roadrunner.com , if you have any questions,



###



3rd Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **October 18th**, at the Perkins Family Restaurant, located at 700 Mentor Avenue in Painesville. Attendees begin to gather around 8:00am Breakfast orders being taken around 8:30am. This group averages 15-20 people from all around the area. Club membership is not a requirement to attend. Meet other Hams, talk over the news of the day and maybe find a buyer for your spare equipment. Bring your significant other, or a friend, to breakfast. Good food and conversation await.



LCARA Board Meeting

Board Meeting



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

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

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

All members are welcome.

LCARA Public Service and Club Events

- October 2nd ARES SET Exercise
- October 9th Northern Ohio Marathon (Mentor)
- October 30th Rock Hall Half Marathon (CLE)

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.

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Other Weekly Nets

Monday

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

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

20:00 – Geauga Emergency Amateur Radio Service Training Net – (check in on 146.940/R - then moves to 147.435/s)

Tuesday

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

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

19:15 – Ohio HF Emergency Preparedness Net - 3.910 MHz (+/-) or 7.240 (+/-)

19:30 – Swap-N-Shop – 147.015 (pl 110.9)

19:45 – Ohio Digital Emergency Net - 3.584.5 (USB) - 1500 Hz data carrier offset – Olivia 8-500

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)

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Sell, Seek or Trade

Brad Williams, K8ZM K8zm@arri.net Cell: (440) 479-4588

FOR SALE: Hy-gain TH5-MKII 5-element (10/15/20m) Tri-band Beam Antenna, asking \$500. Original owner, very good condition, stored in attic, includes all documentation.

WANTED: US Tower MA-550 Tubular 55' Crank-Up Tower in good condition, also accessories MAF-550 Raising Fixture and MARB-550 Freestanding Rotor Base.

Bill Wihebrink < 440-943-1703 >

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

Joseph Koskovics < n8jko@outlook.com >

For Sale:

Flight Case: \$60.00

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

Cal Pengov < cpengov@att.net >

For Sale:

Mosely TA36

Six element beam with rotor and manual \$250.00

Collins 30L-1

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



Since 1978

October 2022

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
						1 SET Exercise 10am-12noon
2 Huntsberg Pumpkin Festival	3 LC ARES Net 7:30pm	4	5 LCARA Meeting 7:30pm 10 Mtr. Net 8:30pm	6 2 Mtr. Net 7:00pm	7	8 Burton Apple Butter Festival
9 N O Marathon Burton Apple Butter Festival	10 LC ARES Net 7:30pm Columbus Day	11	12 LCARA Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	13 2 Mtr. Net 7:00pm	14	15
16	17 LC ARES Net 7:30pm	18 3 RD Tuesday Breakfast	19 10 Mtr. Net 8:30pm	20 2 Mtr. Net 7:00pm	21	22
23	24 LC ARES Mtg. 7:30pm	25	26 10 Mtr. Net 8:30pm	27 2 Mtr. Net 7:00pm	28	29
30 Rock Hall ½ Marathon	31 LC ARES Net 7:30pm Halloween					

QRZ Ham Radio Trivia Quiz

Answers

HAAT stands for:

- A: A large piece of headgear
- B: Henry Association Authorized Tower
- C: Huge Antenna Apparatus Termination
- D: **Height Above Average Terrain (Correct)**

What kind of propagation would you most likely use to work someone on 80M or 160M on the other side of the world at your sunset and his sunrise?

- A: long path
- B: short path
- C: **grey line (Correct)**
- D: ground wave

What does the V in VSWR stand for?

- A: Velocity
- B: Volume
- C: **Voltage (Correct)**
- D: Verifiable

Automatic Gain Control (known as AGC or AVC) has been found on radio (ham and broadcast) since the early 1930s. Who invented it?

- A: Edwin Armstrong
- B: Lee DeForest
- C: **Harold Wheeler (Correct)**
- D: George Westinghouse

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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.

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The Lake County Amateur Radio Association

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

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