



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: AA80Y
History: KO8O
Sunshine:

LCARA Board

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

Standing Committees

ARES/Public Service	Mike Goffos	WB8ZGH
Contest	Bob Liddy	K8BL
DX	Jim Pyle	AA80Y
Field Day Chair	Jim Pyle	AA80Y
Program Director	Joe Koskovics	N8JKO
LCHS Liaison	Bob Mekinda	K8QXO
History	Scott Farnham	KO8O
Publicity	Bob Mekinda	K8QXO
Repeater	N8IJG - KB8BKE	
Sunshine	Open	
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG

Our next club Meeting: February 2nd

Index

Message from the President.....	3
Meeting Minutes.....	4
Sunshine.....	6
Back Scatter.....	8
DX Alert.....	10
Contests.....	11
Hamfests.....	14
ARRL News.....	15
VE Testing.....	18
3 rd Tuesday Breakfast Group.....	20
Weekly Net Information.....	21
Sell, Swap, Buy.....	24
Club Calendar.....	25
Amateur's Code.....	26

Message from the President

Greetings, fellow travelers

Our next club meeting is February 2nd and online. Jeff (WA8SAJ) will have some updated information on back-up power and using solar as a resource for keeping batteries charged, as well as some tips about the IC-7300.

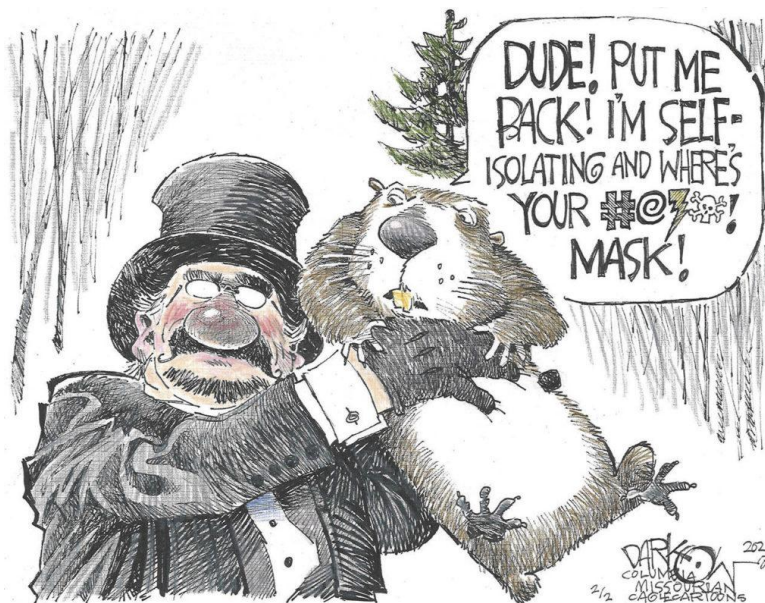
Remember to send in your dues in for 2022. Cutoff for existing members to renew is March 15th.

LCARA sponsors many activities throughout the year, primarily focused on public service and education, to promote our hobby and we are always looking for volunteers to help. Please consider participating at one or more of our club events. Check our website "Events" tab for a listing (updated as dates are confirmed). Contact myself, Mike or any board member for more information.

Please stay safe and be well

'73

-Ed



Membership Meeting Minutes for January 5th, 2022

Board Members Present:

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

Attendees:

Larry WB8PHI	Jeff WA8SAJ
Tom KE8HJL	Cal W8BZP
Don WA8TWM	Paul W8PJW
Jim AA8OY	Tim (no call sign)
Ron NU8N	Dale KG6WGO
Jack KB8OF	Scott N8SY
Neal NF1X	Jeff K4DKW
Bill N8WCL	Bob - K8BL
Tom. KD8SJG	

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:31 p.m.
- This meeting took place as an online membership meeting using the Zoom platform.
- **President** – Ed (KB8BKE) mentioned:

Ed (KB8BKE) introduced Tom (KE8HJL) as the new Secretary and he immediately left for a Red Cross fire call – (it hard to get good help)

Ed (KB8BKE) introduced Scott (N8SY). Scott (N8SY) mentioned that Josh Johnson (K5MHV) is the new ARES Director of Emergency Management. Josh is from Ozone, Arkansas and comes with 16 years of experience as the Director of Johnson County (Arkansas) Department of Emergency Management. He holds an Extra class Amateur Radio License as well as being an ARES Emergency Coordinator, Volunteer Examiner, and ARRL-registered instructor. He is also certified in FEMA NIMS as well as CISA AUXCOMM Communications, unit leader (COML) Josh will be based at the ARRL's headquarters in Newington, CN and will be working with staff, and member-volunteers, and coordinating with ARRL Board's new Emergency Communications and Field Services Committee.

Ed (KB8BKE) mentioned that there are 3 contests shortly:

- Ohio VHF simplex contest on Jan 8 from 10 am to 4pm. sponsored by the Ohio Section of the ARRL. Here is a link for more information: <https://ohsimplex.org/>
- Winlink Thursday in returning Jan 20th. It is sponsored by EMMCOM-Training.org that will continue for the next 6 to 8 months. You can sign up to receive email updates and get more information at this link: <https://emcomm-training.org/index.html>

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

- Winter Field Day is Jan 29th and Jan 30th 2 pm to 2pm. Put on the by Winter Field Day Association. Here is a link for more information: <https://www.winterfieldday.com/>

Training Net

Jeff (W8SHA) made a repair to his 7300 and hopes to make a presentation on how to replace the battery in Feb.

Bob (K8BL) mentioned receiving a radio gram. He was encouraged by Neil to make a reply via Tri County Traffic Net.

- Additions and/or Corrections to the Patch: There are no additions/corrections to the Patch. A motion was made to accept the minutes as presented. The motion passed.

- **Treasurer Report:** ED (KB8KBE)

Provided a Treasurer's Report (with highlights).

- **Secretary Report:** Nothing reported

- **Sunshine:** Ed (KB8KBE) reported that Jim McAdams recently passed away. Our thoughts and prayers are with Cathy and the entire family during this difficult time.

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

9N – NEPAL - 9N7AA (S53R), Robert, has gotten his Ultra Beam/WIMO two-element Yagi covering 40-6 up, on top of his new residence , about 23 meters high, "with a clear shot in all directions. It is currently fixed in the direction of Europe and East Coast North America.

EX – KYRGYZSTAN - HB9DUR, Andrea, has been very active from Bishkek as

EX0DX, over the past two days. He will be there until January 10, 2022.

GU – GUERNSEY - MU5E is the new call sign for GU4YOX, Bob, at least for contest use. He will have it on the air in the CQWW 160 CW at the end of the month.

5h – TANZANIA - Mike, 5H3EE is QRV from Dar es Salaam. His length of stay is unknown. He was recently heard on 12 meter FT8 at various times.

4L – GEORGIA - Ilya, 4L9M plans an operation over the next two months including the CQWW 160 CW and the CQWW 160 SSB contests.

UA0 - ASIATIC RUSSIA - Eugene, RA0FF will use special call R075F from January 1 to February 28, in honor of the 75 years of the Sakhalin Region.

- **Events Public Service:** nothing to report

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

- **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)

- **Lake County History Center:** Ed (KB8BKE) reported:

Nothing to report

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

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

Meeting adjourned at: 8:15 p.m.

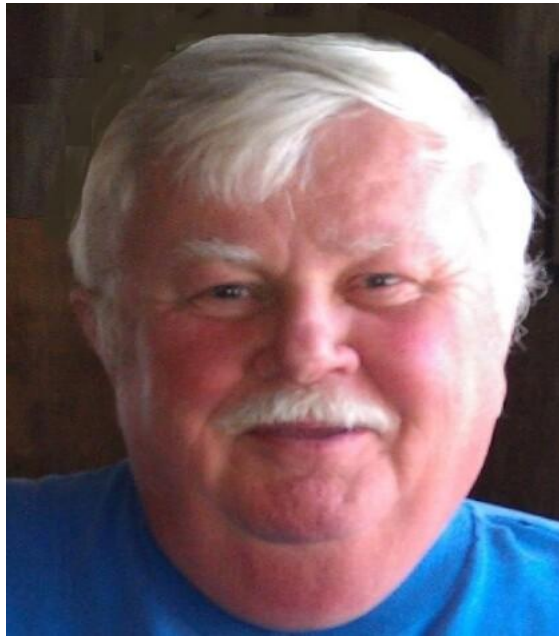
Tom (KE8HJL)



Sunshine Report

Jim McAdams KF8VX (SK)

James Bruce McAdams, 73, a Concord Twp resident since 1983, passed away at home on January 3, 2022, surrounded by his family.



Jim was born November 9, 1948 in Jersey City NJ, the first child of Bruce and Dorothy (Schroeder) McAdams. He lived in North Arlington NJ and Pompton Plains NJ as a child.

Jim graduated from Don Bosch Technical High School in Paterson NJ in 1967 where he said he received the technical foundation that served him well all of his life.

Jim joined the US Army (Regular Army) in 1968 and served in Germany and Vietnam. In Vietnam, he received a Bronze Star for his actions in combat. Upon his Honorable Discharge, he attended Milwaukee School of Engineering in Milwaukee, WI and graduated in 3 years with a BS EE. He was employed by Allen Bradley Corporation in Highland Hts., OH in various engineering positions including applications engineer and managing engineer. As an Allen Bradley employee, he lived in the Cleveland area, Düsseldorf Germany and Kobe Japan. When Allen Bradley was purchased by Rockwell Automation, Jim continued employment until his retirement in October 2008. In 1984, he joined the Concord Fire Department and was a fire fighter/paramedic until 1998. After his retirement from Allen Bradley, he volunteered as a Court-Appointed Special Advocate (CASA) for the Geauga County Juvenile Court starting in 2010. When his health prevented him from performing field work, he did research for the CASA office until his death. He served 11 families and 25 children during those years.

Jim enjoyed amateur (ham) radio as KF8VX starting in 1991. He loved backpacking in the mountains of Pennsylvania and West Virginia. He also had a great time riding his 1984 Honda Magna V45 for many years.

He married the former Cathie Vargo in February 20, 1993 and adopted her son, Gregory, in 1995.

Jim was preceded in death by his son, Michael McAdams, his parents, and his brother Brian McAdams.

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

He will be fondly remembered by his wife, Cathie; his son, Gregory (Maria); grandchildren Darius and Sephie Ruffner; and his grandchildren in the Columbus area, Sydney, Alex, Julia, Celia, Larissa and Graham. He also leaves his brothers, Robert (MaryAnn) McAdams of Barnegat NJ, Kevin McAdams of Ridgewood NY and Christopher McAdams of Randolph NJ. He leaves many nieces and nephews. He also leaves pups, Daisy, Happy and Blondie.

The memorial gathering will occur on Saturday, January 15, 2022, from 10am until noon at Spear Mulqueeny Funeral Home, 667 Mentor Avenue, Painesville. The service will begin promptly at noon. Jim's ashes will be spread at the McAdams Family Cemetery in Easley, South Carolina at a later date.

In lieu of flowers, the family requests donations to either of two charities, Hearts and Hands of CASA (<https://www.heartsandhandsofCasa.org/>) which provides extra services to children served by the Geauga County CASA program, or Parrot Hope Bird Rescue (11195 Bowen Rd, Mantua OH 44295 (parrothope.com)).

###

Backscatter for February 2022

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

244 Years Ago: Capt. James Cook makes landfall in Waimea Bay on Kaua'i, in January 1778, becoming the first European to set foot in the Hawaiian Islands.

Hunting for the elusive Northwest Passage, Kaua'i, the second westernmost of the Windward Islands was sighted. The existence of these islands was unknown to Europeans even though vessels had been crisscrossing the Pacific Ocean since the 16th century. None had ventured as far north as the Hawaiian Islands, and if Cook hadn't been looking for the NW Passage, he would have missed them too.

Since John Montague, the fourth Earl of Sandwich had sponsored his voyages and happened to be the first Lord of the Admiralty at the time, Cook christened the archipelago the Sandwich Islands.

Returning for a more extensive charting of the archipelago a year later, Cook and his crew aboard the Resolution put in at Kealahou Bay on the big island of Hawai'i. He was originally deified by the Hawaiians, since he arrived during a sacred festival and was mistaken for an incarnation of the god Lono.

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

Unfortunately, after the theft of one of his longboats, Cook attempted to take the island chief hostage to compel its return. The Hawaiians resisted and Cook was killed, along with several other men as they retreated to their ship.

40 Years Ago: There is life on 10M! Chuck, N8BZA, reports working 7Q7 Malawi, TN Congo, 3V8 Tunisia and 3D6 Swaziland, plus ZL1/C Chatham at 2 in the afternoon, all on 10.

35 Years Ago: Sunspots are not the only thing that goes in cycles. A new team is formed to publish the newsletter. Chairman, Bob-K8BL and interim editor Pete-KC8ER are frantically looking for volunteers to spread the work.

30 Years Ago: In an era before cell phones conquered the world, Jim N8NYJ and Mike, N8QAZ rescue the W1HEOmobile which has broken down on I-90 during morning rush hour. Jim even delivers Dee to his work QTH. Just try to get that service from AAA!

25 Years Ago: The 10 most wanted list is:

- | | |
|-----------------|---------------------|
| 10. Mt. Athos | 5. Pratas Island |
| 9. Laccadives | 4. Andaman Island |
| 8. Tromelin | 3. Bhutan |
| 7. Yemen | 2. Scarborough Reef |
| 6. Heard Island | 1. North Korea |

20 Years Ago: The QCWA quiz on events a quarter century earlier (1977) is printed:

The Ten-Tec 70-watt, 5-band CW transceiver was:

- A. The Argonaut
- B. The Omni 1
- C. The Odyssey
- D. The Century 21

Dentron Radio Co. was located in:

- A. Twinsburg, Ohio
- B. Hudson, Ohio
- C. Dayton, Ohio
- D. Huron, Ohio

The speaker at the Dayton Hamvention banquet was:

- A. Wayne Green, W2NSD/1
- B. Barry Goldwater, K7UGA
- C. Harry Dannals, W2HD
- D. Roy Neal, K6DUE

Heathkit's 100 w HF solid state transceiver was:

- A. HW-101
- B. HW-2036
- C. SB-101A
- D. SB-200

Answers: -.. -.- -.. -.-.

15 Years Ago: With the pending elimination of the Morse Code requirement, LCARA holds a six evening General Upgrade class at Kirtland High School.

President Dennis, KI8U discusses his success in working VK3IO on 160 with his inverted L antenna.

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

10 Years Ago: In his initial "President's Corner" column, new Pres Bob Mekinda, K8QXO declares two rules for LCARA:

1. Have Fun with Ham Radio.
2. Everyone is Welcome, Needed and Appreciated.

5 Years Ago: Ajit Pai, from Kansas, is designated FCC Chairman, replacing Tom Wheeler, a Californian.

Now THAT'S a long wire! The second annual mid-winter 630-meter activity night is set for February 4-5.

###

DX Alert

by: Jim Pyle AA8OY



DX Alert January 2022

KERGUELEN ISLAND, FT#X - FT4XW (Arthur), who is working on Kerguelen Island until late next year has received word the FT4XW operation has been validated for DXCC.

NEPAL, 9N 9N7AA, op S53R, Robert, is now in a new QTH and has a pair of vertical dipoles up from a fiberglass pole on the terrace of his top floor apartment. He has found the 17-meter band the best for him. His previous gear is still stuck in Kabul and he is trying hard to get it to Nepal.

THAILAND, HS. Brad, VK2BY is QRV as HS0ZNR from the Nam Yuen district until January 21. Activity will be on 80 to 10 meters, and possibly 160 meters, using CW, SSB, and FT8, with two or three stations active.

TURKEY, TA. Simon is temporarily QRV as TA4/G6JFY from Fethiye while waiting for his regular Turkish call sign.

INDONESIA, YB. Special event stations 7B2C, 7B2E, 7B2T, 7B2H and 7B2O are QRV until the end of October 2022 to celebrate the Javanese-Hindu Ceto Temple that was built in 1475. Activity is on 80, 40, 20, 15 and 10 meters using SSB and FT8.

SENEGAL, 6W. Jacques, F6HMJ will be QRV as 6W7/F6HMJ from December 29 to February 22, 2022. Activity will be on 40 to 10 meters using CW and SSB.

MALDIVES, 8Q. Tom, OE1TRI will be QRV as 8Q7TR from South Ari Atoll, IOTA AS-013, from December 28 to January 3, 2022. Activity will be holiday style on 80, 40, 20, 15, and 10 meters using SSB and FT8.

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

ENGLAND, G. Members of the Denby Dale Amateur Radio Society will be QRV with special calls GB0HNY, GB1HNY, GB2HNY, GB4HNY, GB5HNY, GB6HNY, GB8HNY, and GB9HNY from December 28 to January 24, 2022, to celebrate the New Year 2022.

JAPAN, JA. Take, JI3DST will be QRV as JI3DST/6, JJ5RBH/6 and JS6RRR/6 from Tanega Island, IOTA AS-032, from December 25 to January 10, 2022. Activity will be on 80 to 2 meters using CW, SSB, RTTY, FM, FT8 and FT4.

MACEDONIA, Z3. Michael, DF8AN will be QRV as Z38/DF8AN from Skopje from December 29 to January 5, 2022.

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

###

Upcoming Contests: (from the OSJ/WA7BNM)

QCX Challenge	0300Z-0400Z, Feb 1
± VHF-UHF FT8 Activity Contest	1700Z-2000Z, Feb 2
± UKEICC 80m Contest	2000Z-2100Z, Feb 2
± Walk for the Bacon QRP Contest	0000Z-0100Z, Feb 3 and 0200Z-0300Z, Feb 4
± NRAU 10m Activity Contest	1800Z-1900Z, Feb 3 (CW) and 1900Z-2000Z, Feb 3 (SSB) and 2000Z-2100Z, Feb 3 (FM) and 2100Z-2200Z, Feb 3 (Dig)
± SKCC Sprint Europe	2000Z-2200Z, Feb 3
± Vermont QSO Party	0000Z, Feb 5 to 2400Z, Feb 6
± 10-10 Int. Winter Contest, SSB	0001Z, Feb 5 to 2359Z, Feb 6
± EurAsia HF Championship	0600Z-1800Z, Feb 5
± Mexico RTTY International Contest	1200Z, Feb 5 to 2359Z, Feb 6
± F9AA Cup, CW	1200Z, Feb 5 to 1200Z, Feb 6
± Minnesota QSO Party	1400Z-2400Z, Feb 5
± FYBO Winter QRP Sprint	1400Z-2400Z, Feb 5
± AGCW Straight Key Party	1600Z-1900Z, Feb 5

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

± British Columbia QSO Party	1600Z, Feb 5 to 0359Z, Feb 6 and 1600Z-2359Z, Feb 6
± FISTS Saturday Sprint	1600Z-1800Z, Feb 5
± European Union DX Contest	1800Z, Feb 5 to 1800Z, Feb 6
± North American Sprint, CW	2300Z, Feb 5 to 0300Z, Feb 6
± Classic Exchange, CW	1400Z, Feb 6 to 0800Z, Feb 7 and 1400Z, Feb 8 to 0800Z, Feb 9

February 7 - 13

± RSGB 80m Club Championship, SSB	2000Z-2130Z, Feb 7
± ARS Spartan Sprint	0200Z-0400Z, Feb 8
± NAQCC CW Sprint	0130Z-0330Z, Feb 9
± VHF-UHF FT8 Activity Contest	1700Z-2000Z, Feb 9
± CQ WW RTTY WPX Contest	0000Z, Feb 12 to 2359Z, Feb 13
± Asia-Pacific Spring Sprint, CW	1100Z-1300Z, Feb 12
± SKCC Weekend Sprintathon	1200Z, Feb 12 to 2400Z, Feb 13
± KCJ Topband Contest	1200Z, Feb 12 to 2359Z, Feb 13
± Dutch PACC Contest	1200Z, Feb 12 to 1200Z, Feb 13
± YLRL YL-OM Contest	1400Z, Feb 12 to 0200Z, Feb 14
± OMISS QSO Party	1500Z, Feb 12 to 1500Z, Feb 13
± RSGB 1.8 MHz Contest	1900Z-2300Z, Feb 12
± AWA Amplitude Modulation QSO Party	2300Z, Feb 12 to 2300Z, Feb 13
± Balkan HF Contest	1300Z-1700Z, Feb 13

February 14 - 20

± PODXS 070 Club Valentine Sprint	0000Z-2359Z, Feb 14
± CQC Winter QSO Party	0100Z-0259Z, Feb 14
± 4 States QRP Group Second Sunday Sprint	0100Z-0300Z, Feb 14
± ARRL School Club Roundup	1300Z, Feb 14 to 2359Z, Feb 18

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

± VHF-UHF FT8 Activity Contest	1700Z-2000Z, Feb 16
± AGCW Semi-Automatic Key Evening	1900Z-2030Z, Feb 16
± RSGB 80m Club Championship, Data	2000Z-2130Z, Feb 16
± Walk for the Bacon QRP Contest	0000Z-0100Z, Feb 17 and 0200Z-0300Z, Feb 18
± NTC QSO Party	1900Z-2000Z, Feb 17
± ARRL Inter. DX Contest, CW	0000Z, Feb 19 to 2400Z, Feb 20
± Russian PSK WW Contest	1200Z, Feb 19 to 1159Z, Feb 20
± Feld Hell Sprint	1900Z-2059Z, Feb 20
± FISTS Sunday Sprint	2100Z-2300Z, Feb 20
± Run for the Bacon QRP Contest	2300Z, Feb 20 to 0100Z, Feb 21

February 21 - 27

± SKCC Sprint	0000Z-0200Z, Feb 23
± UKEICC 80m Contest	2000Z-2100Z, Feb 23
± RSGB 80m Club Championship, CW	2000Z-2130Z, Feb 24
± CQ 160-Meter Contest, SSB	2200Z, Feb 25 to 2200Z, Feb 27
± REF Contest, SSB	0600Z, Feb 26 to 1800Z, Feb 27
± FTn DX Contest	1200Z, Feb 26 to 1200Z, Feb 27
± UBA DX Contest, CW	1300Z, Feb 26 to 1300Z, Feb 27
± South Carolina QSO Party	1500Z, Feb 26 to 0159Z, Feb 27
± North American QSO Party, RTTY	1800Z, Feb 26 to 0559Z, Feb 27
± NA Collegiate Championship, RTTY	1800Z, Feb 26 to 0559Z, Feb 27
± High Speed Club CW Contest	1400Z-1700Z, Feb 27
± North Carolina QSO Party	1500Z, Feb 27 to 0100Z, Feb 28

Ohio Hamfests

2022

	<p>03/12/2022 - MOVARC Hamfest Location: Bidwell, OH Sponsor: Mid-Ohio Valley Amateur Radio Club Learn More</p>
<p>03/13/2022 - Winter Hamfest Type: ARRL Hamfest Sponsor: Northern Ohio Amateur Radio Society Learn More</p>	<p>03/20/2022 - Toledo Mobile Radio Association Hamfest and Computer Fair Location: Perrysburg, OH Sponsor: Toledo Mobile Radio Association Website: http://tmrahamradio.org Learn More</p>
<p>04/09/2022 - Sixty-Sixth Cuyahoga Falls Amateur Radio Club Hamfest Location: Cuyahoga Falls, OH Sponsor: Cuyahoga Falls Amateur Radio Club, Inc. Website: http://www.cfarc.org/hamfest.php Learn More</p>	<p>04/24/2022 - Athens Hamfest Location: Athens, OH Sponsor: Athens County Amateur Radio Association Website: http://www.ac-ara.org/ Learn More</p>
<p>05/20-22/2022 - Dayton Hamvention Location: Green County Fairgrounds, OH Sponsor: Dayton Amateur Radio Association Website: https://hamvention.org Learn More</p>	
<p>06/04/2022 - FCARC Summer Hamfest Location: Wauseon, OH Sponsor: Fulton County Amateur Radio Club Website: https://k8bxq.org/hamfest Learn More</p>	<p>07/09/2022 - Mansfield Mid Summer Trunkfest Location: Mansfield, OH Sponsor: Intercity Amateur Radio Club Website: http://www.w8we.org Learn More</p>

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

07/17/2022 - [Van Wert Hamfest](#)

Location: Van Wert, OH

Sponsor: Van Wert Amateur Radio Club

Website: <http://W8FY.ORG>

[Learn More](#)

08/13/2022 - [Cincinnati Hamfest](#)

Location: Owensville, OH

Sponsor: Milford ARC

Website: <https://CincinnatiHamfest.org>

[Learn More](#)

09/25/2022 - [Cleveland Hamfest](#)

Location: Berea, OH

Sponsor: Hamfest Association of Cleveland

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

[Learn More](#)

###

ARRL News

ARRL National Convention & Orlando HamCation® February 10-13, 2022

[Registration](#)

[Centralia, Washington, ARES Team Activates in the Wake of Bombing](#)



The Amateur Radio Emergency Service® (ARES®) team of Centralia, Washington, activated following an early morning bombing on December 19. [Read More](#)

[Packet Pioneer Brian Rogers, N1URO, SK](#)



Packet Radio Pioneer Brian Rogers, N1URO, of Unionville, Connecticut, died on January 4. [Read More](#)

[The K7RA Solar Update](#)



Tad Cook, K7RA, Seattle, reports: Solar and geomagnetic activity increased this week. [Read More](#)

[Extended ARRL Team Will Support February's ARRL National Convention in Orlando](#)



A large ARRL team of member-volunteers, program representatives, and presenters will advance the convention theme inviting attendees to “reDiscover Radio” at Orlando HamCation. [Read More](#)

[Amateur Operation in 3.45 – 3.5 GHz Segment Must Cease by April 14, 2022](#)



April 14, 2022, is the date by which amateur radio transmissions must stop in the upper 3.45 – 3.5 GHz segment of the amateur secondary 9-centimeter band. [Read More](#)

###

QRZ Ham Radio Trivia Quiz

In 1969, provided you could pass the code and all the written exams, you could walk into an FCC office, take all of the tests, and get an Extra Class license as your first ham ticket.

A: True

B: False

What mobile antenna manufacturer used surplus WW II tank antenna sections as part of it's antennas?

A: Workshop

B: Hustler

C: Master Mobile

D: G. R. Ellis

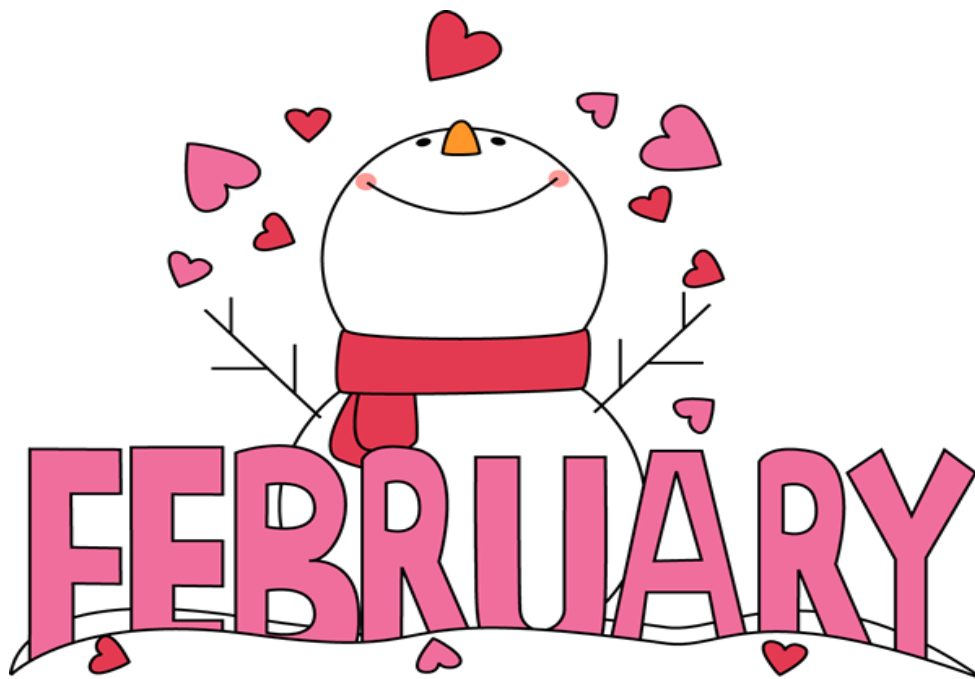
Which of the ham bands is the closest to the United States AM Radio broadcast frequencies?

- A: 10 meters
- B: 40 meters
- C: 80 meters
- D: 160 meters

What is the "field rate" in ATV using the standard NTSC video format?

- A: 120
- B: 60
- C: 30
- D: 15

Answers on page 26





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, February 5

Saturday, August 6

Saturday, April 2

Saturday, October 1

Saturday, June 4

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.

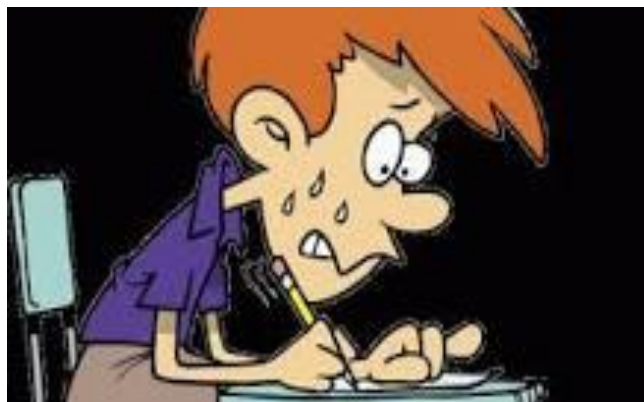
The *PATCH*, Published by the Lake County Amateur Radio Association

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. Please contact Scott Farnham, KO8O, at (440)256-0320, or scottfarnham@roadrunner.com, if you have any questions,

***Note that sometime in early 2022, the FCC plans to begin charging \$35 to add you to the Amateur Radio database. This will be payable directly to the FCC, but the timing is unknown.



###



3rd Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **February 15th**, 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 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 (b/u 147.255/R)**. This directed net is open to all licensed amateur radio operators. You do not need to belong to ARES to participate. This net is provided for operators to verify the proper operation of their stations equipment and capabilities, should they be called upon in the event of an emergency. Volunteer to be Net Control or Alternate Net Control. Prior experience is not necessary. Training will be provided. Everyone is welcome.

2 Meter Net

The 2 Meter Net runs **weekly on Thursdays at 7:00 pm on 147.210/R**. This is an informal net. Participant discussions vary on a range of subjects for the good of the group. It's a great time to ask questions, especially for new operators. List your items related to ham radio that you want to sell or swap and mention any sunshine reports you have to share. We also present the latest weekly edition of the ARRL Audio News. We are always looking for alternate net control operators.

10 Meter Roundtable

The 10 meter Roundtable meets **weekly on Wednesdays at 8:30 pm on 28.450 MHz +/-**. This is an informal roundtable where the group chats about anything that comes to mind and rag chew about any topic or events of the day. You don't need to be a LCARA member, just have at least a Technician license and some 10 meter gear. It's an opportunity to re-connect with friends or make some new ones. Anyone can start it off so don't be shy.

Other Weekly Nets

Monday

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

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

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

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

Tuesday

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)

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

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

19:30 – Ohio ARES Dist.10 DMR Net – TG 31395

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)

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

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

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 >

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



Since 1978

February 2022

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
		1	2 LCARA Meeting 7:00pm Groundhog Day	3 2 Mtr. Net 7:00pm D-10 DMR Net	4	5
6	7 LC ARES Net 7:30pm	8	9 LCARA Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	10 2 Mtr. Net 7:00pm D-10 DMR Net	11	12
13	14 LC ARES Net 7:30pm Valentine's Day	15 3 RD Tuesday Breakfast	16 10 Mtr. Net 8:30pm	17 2 Mtr. Net 7:00pm D-10 DMR Net	18	19
20	21 LC ARES Net 7:30pm President's Day	22	23 10 Mtr. Net 8:30pm	24 2 Mtr. Net 7:00pm D-10 DMR Net	25	26
27	28 LC ARES Net 7:30pm					

QRZ Ham Radio Trivia Quiz

Answers

In 1969, provided you could pass the code and all the written exams, you could walk into an FCC office, take all of the tests, and get an Extra Class license as your first ham ticket.

A: True

B: False (Correct Answer)

What mobile antenna manufacturer used surplus WW II tank antenna sections as part of it's antennas?

A: Workshop

B: Hustler

C: Master Mobile (Correct Answer)

D: G. R. Ellis

Which of the ham bands is the closest to the United States AM Radio broadcast frequencies?

A: 10 meters

B: 40 meters

C: 80 meters

D: 160 meters (Correct Answer)

What is the "field rate" in ATV using the standard NTSC video format?

A: 120

B: 60 (Correct Answer)

C: 30

D: 15

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

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, Family (household) \$30.00, 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.*