



## The LCARA Patch



10 METER ROUNDTABLE  
WEDNESDAY @ 20:30 HRS  
28.450 MHz

[www.lcara.org](http://www.lcara.org)  
<https://groups.io/g/lcarapatch>

LCARA TWO METER NET  
THURSDAY @ 19:00 HRS  
147.210/R - PL 110.9



Published by the Lake County Amateur Radio Association  
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### The 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 is on September 1st***

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## Message from the President

Greetings fellow travelers

Thanks to all who attended our picnic/meeting on the 1<sup>st</sup>. Joe (N8JKO) did a spectacular job in planning and execution. With help from cooks Larry and Tom (N8UAZ), Tom's (KE8HJL) Italian sausages (a real crowd pleaser) and those who brought the delicious sides and desserts, everyone had lots to eat. All that and a great impromptu presentation from Bob (K8BL) made for a memorable afternoon.

We had planned to resume meeting in person in September, but due to the surge in COVID, our meeting will be online with a presentation on NVIS antennas from Axel, K8AXX. This should be helpful to those considering adding to their inventory of antenna options for both home and field operating.

On August 25<sup>th</sup>, we held an operating event at the James A. Garfield home in celebration of the 105<sup>th</sup> anniversary of the National Park Service in conjunction with Parks-on-the-Air. Although band conditions were less than ideal, over 175 contacts were made in during the event. Thanks to operators K8BL, AA8OY and WB8PHI. We will be there again on September 25<sup>th</sup> for National Public Lands Week.

Speaking of operating events we will be at Mentor Headlands State Park on September 11<sup>th</sup> for Ohio State Parks-on-the-Air with two stations and (hopefully) Fran's special Chili. Visitors and operators are welcome so stop by and try your hand or just say hello.

Our ARES group is still in need of volunteer hams for Sunday-in-June on September 19<sup>th</sup>, the Rock & Roll Hall of Fame Half Marathon on October 10<sup>th</sup> and the Northern Ohio Half Marathon on October 31<sup>st</sup>. Links to register are available on our website, or you can contact me or Mike WB8ZGH. Our partners in Geauga are also seeking help with the "Great Geauga County Fair", held over the Labor Day weekend. Contact Dave Andrejewski (AD8G) for more information.

The Great Western Reserve Clambake will be held on September 25<sup>th</sup> at LCHS. Reservations are required and can be obtained on their website.

That's it for now. Have a great Labor Day weekend!

Please stay safe and be well

'73

-Ed

## Membership Meeting Minutes for August 4, 2021

### Board Members Present:

KB8BKE – Ed Kopcak, President

N8JKO – Joe Koskovics, Director-at-Large

### Attendees:

Neal – NF1X

Nila

Mike – WB8ZGH

Fran

Bob – K8BL

Marcia

Bob – N8KBX

Tom – N8UAZ

Pat

Cal – W8BZP

Penny

Tom – KE8HJL

Terttu

Denise

Jim – KF8VX

Cathie – AB8GV

Jim – AA8OY

Rick – W8QL

Pat

Mike – KD8JDL

Bobbie

Bill – N8IJG

Billie – KC8MVY

Tom – KE8PSH

Greg – KD8OTB

Connie – KB8ZZW

Larry – WB8PHI

### Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:30 p.m.
- This meeting took place at our annual picnic.
- Ed (KB8BKE) welcomed everyone to the picnic and encouraged lots of conspicuous consumption.
- In honor of the ongoing Olympic games, Bob Liddy (K8BL), regaled those attending with an informative recounting of his participation in escorting the Olympic Torch in 1984.

### ***Presentation Highlights***

*See the complete story of Bob's time spent volunteering with the delivery of the Olympic Torch later in this edition*

### ***End of Presentation***

Meeting adjourned at: 8:30 p.m.

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## Sunshine

*by Donna Wheeler W8DMP*

Tom (KD8SJG) has informed us that his son has begun treatment a serious illness. Tom (KD8SJG) asks that LCARA members keep his family in our thoughts and prayers during this difficult time.

Just in...

Former member Douglas (Doug) Emerson N6NFF is reported to be still in hospital 2 weeks after suffering a heart attack.

-bke.

###

## Backscatter for September 2021

*by: Scott Farnham KO8O*

*LCARA Historian*



### BACKSCATTER

**162 Years Ago:** The “Carrington Event”, the biggest solar storm recorded hits the Earth. Telegraph operators made an incredible discovery: They could unplug their batteries and still transmit messages at 30- to 90-second intervals using only the auroral current.

**94 Years Ago:** The Columbia Phonograph Broadcasting System went on the air with 47 radio stations. Unfortunately, the network lost money its first year, and in January of 1929 the owner,

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Columbia Records, sold out to a Philadelphia cigar manufacturer, and was renamed The Columbia Broadcasting System (CBS).

**90 Years Ago:** The first 33 rpm long-playing records were demonstrated at the Savoy Plaza Hotel in New York by RCA, the Radio Corporation of America. However, the players were so expensive the product flopped. The first LP records as we know them did not come out for another 17 years, in 1948, when rival Columbia, began mass production of the LP.

**40 Years Ago:** It's the 20<sup>th</sup> anniversary of amateur radio's first satellite. In 1961, the Orbiting Satellite Carrying Amateur Radio, OSCAR 1, circled the Earth transmitting the greeting "HI" in morse code. This battery powered spacecraft weighed only 10 pounds, and cost \$65 to build.

**35 Years Ago:** The use or misuse of the phrase "for ID" is discussed. Typically used by hams who also give their calls phonetically on FM, "for ID" clarifies that when a call is given, it is for identification. The ultimate use is when introducing oneself in person, to say "Hello, my name is Ray for ID".

Intel raises prices of their commodity EPROM product line by 25%.

Fred, K8UET reports that motel rooms are still available for \$23 for the trip to the Niagara Falls Hamfest.

A freight train derails near Miamisburg, causing a tanker car filled with white phosphorus to rupture. The ensuing fire formed a toxic cloud affecting all of Miamisburg, and the surrounding area within a 40 mile circumference. With emergency services coming to help from surrounding areas, some 250 amateurs are called on to provide the communications link between the various agencies. At the height of the five day crisis, amateurs assisted in the evacuation of 50,000 people, with 15,000 being cared for by the Red Cross.

**30 Years Ago:** Bob Liddy, K8BL reports on misspellings of his name, as seen on QSL requests for VP2EOH, which he operated and is the manager. These include Lindy, Litty, Lilly, Lily, Lidy, and his favorite, E. Boob Liddy.

The fall Radio Shack catalog contains a new 2-meter HT bearing the Shack label. The no-frills HT, made by Standard, lists for \$259.

**25 Years Ago:** While working on his superstation in Chesterland, Tom Lee, K8AZ is felled by a tree carried away by an unexpected gust of wind. Breaking both legs below the knees, Tom is expected to be slowed down for a while.

**20 and 15 Years Ago:** On these dates, not much radio activity happened.

**10 Years Ago:**..Oops. The foxhunt is cancelled for lack of antennas for hunters, and lack of a battery for the fox.

**5 Years Ago:**..Jim Pyle, AA8OY reports that HF "band conditions low but DX is workable".

**- Scott KO8O**

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## DX Alert

by: Jim Pyle AA8OY



### DX Alert, September 2021

**KOSOVO, Z6.** - September 10-13 DL2JRM, OM Rene plans to have Z68XX on the air, mostly CW.

**TONGA, A3.** - A35JP will be on the air from late August 2021. Operator Masa, A0RQV, says he plans to be operational to November.

**TAIWAN, BX.** - Ken, JP1RIW will be active as BX30ARL from New Taipei City until the end of the year to celebrate the 30th anniversary of the Chinese Taipei Amateur Radio League. Activity will be on 40 to 6 meters. Ken operates mainly on the digital modes on weekends.

**CAPE VERDE, D4.** - Paco, EA7KNT will be active as EA7KNT/D4 or D4ASL from Sal Island (AF-086) from August 23 to September 5.

**KYRGYZSTAN, EX.** - Andrea, HB9DUR is active as EX0DX from Bishkek. The length of his stay is unknown. Activity will be as time permits on various HF bands.

**SAN ANDREAS ISLAND, HK0.** - Pedro, HK3JJH is currently active as HK0/HK3X. His length of stay is unknown. Activity has been mainly on 20 meters using FT8 (F/H).

**DODECANESE, SV5.** - Mort, G2JL is QRV as SV5/G2JL from Lipsi Island for the next three months. Activity will be on all bands and modes, propagation permitting. Current operations have been on 20 meters CW. Also, Reiner, DL2AAZ will be active as SV5/DL2AAZ from Rhodes (EU-001) from September 5 to 19. Activity will be holiday style on 40 to 10 meters and the QO-100 satellite, using CW and SSB.

**CORSICA, TK.** - Frans, DJ0TP is now active as TK/DJ0TP from Linguizetta until September 14.

**ST. LUCIA, J6.** - Bill, K9HZ will be QRV as J68HZ until November 8. Activity will be on the HF bands using CW, SSB and FT8.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX



### 1984 Olympic Torch Relay - K8BL

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On August 4th, it was the Club Picnic & Meeting. At that time, the Olympic Games were taking place in Tokyo. Since I had participated as a Volunteer for the Olympic Torch Relay in 1984, I offered to do an overview of my experiences. For the people who missed the Meeting, President Ed asked me to write a short article about it.

I was employed by Ohio Bell in that year which was associated with AT&T. Through various company notifications, I found out that AT&T was one of the sponsors of the Olympic Torch Relay which would take the Torch across America from New York to Los Angeles, for the Games. They were seeking Volunteers to assist in that journey and they especially needed Amateur Radio Operators. This was prior to cell phones and they decided to use Ham Radio for communications between vehicles in the Caravan since it was a Public Service type event. Cool!! I sent in my application and was accepted.

The first thing we did was to attend a training session in NYC in March. It was held at The Tavern On The Green in Central Park. There were about 400 Volunteers and Officials there trained for their assignments and given ID badges and uniforms related to our tasks. Some of us were sent to Paterson, NJ, to pick up the majority of the vehicles from a GM Dealer to be used in the Caravan. Many of those vehicles had specially designed transmissions and cooling systems to handle the unique stress of driving around 2 MPH for days at a time across America. When we got to the dealership, people jumped out and grabbed the nicest vehicles to drive back to Central Park.





By the time I got to choose a vehicle, the only one left was the Mobile Hospital. This was about the size of one of the largest RV's you've ever seen and looked like a huge Bus. It was wider than the lanes in Paterson and I ended up ripping off the side mirror by staying close to the curb and kissing a telephone pole. It was a very nerve-racking experience driving in rush hour traffic and across the GW Bridge back to Central Park.

There were 39 vehicles associated with the Caravan, but all did not travel with the Torch Runners. Two were semi tractor-trailers which consisted of a full kitchen with food coolers and a restaurant-type seating area. These provided the 3 meals for all the Volunteers every day throughout the entire route. They would be at our overnight parking areas for dinner each evening and for breakfast each morning. They would drive ahead and station at the luncheon stop and afterwards go to the next overnight location. 100 personnel traveled with the Caravan performing various jobs such as drivers, runners, cooks, security, doctor, nurses, Race Officials, Torch maintenance, etc. We had RV's included in which we slept each night. There were convertibles and sedans for Relay Officials and a couple Chevy Suburbans. One of the RV's was a mobile office from which various officials would conduct business at the assorted stops where communications lines were waiting and hooked up. This was the RV where I was assigned to sleep. Unfortunately, the office was in use until almost midnight and again beginning about 0630.

My job was to drive a medium-size Chevy stake-body flatbed from which TV crews and photographers would capture views of the Torch Runners as they ran. There were two PR guys that rode with me to make sure the publicity needs were met. We had assignments several times each day to pick up the journalists at specific places for their needs and drop them off later so they could file their reports. There are a multitude of stories

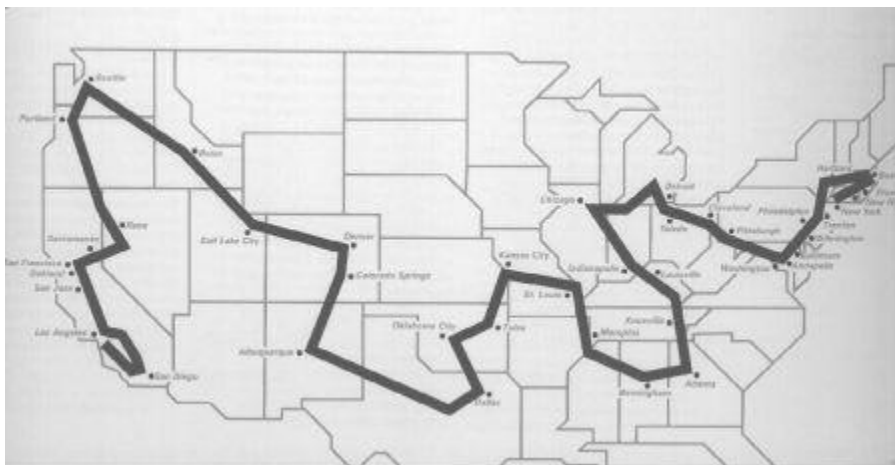
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related to these activities that could be used by me to write a book.

The remainder of the Training Week consisted of driving the Caravan throughout the countryside north of NYC to test out all equipment and procedures prior to the actual Torch Relay that began in early May. BTW, Telco Volunteers had to use their own vacation time during the event since it wasn't considered approved time off(!).

Regarding Amateur Radio for the Olympic Torch Relay communications, one of the ATT Officials was a Ham and he worked with the ARRL and local Club Repeater Owners to obtain permission to use Amateur Repeaters throughout the entire route NYC to LA through the 33 States and 9300 miles. We were assigned Tactical Call signs to use during the Relay activities. Torch One was our Net Control. He rode in an RV within the Caravan at all times and kept in touch with all units to coordinate all vehicle activities. I was Torch 19 and I used my IC-2AT with a mag-mount on the cab of the truck. The 5W worked well about 90 percent of the time with all the 2M repeaters we used along the way. Torch One had a coverage map and would tell us when to switch to the next repeater for continuous coverage. He had an oddball simplex freq as backup in case units didn't show up as instructed or didn't know the new freq. There were a few times when regular users of the systems heard us with our Tactical Callsigns and weren't aware of the approved use of their machines. Sometimes arguments ensued and rude language commenced until our Net Control explained the situation and included the name of the person in charge of the repeater that gave us permission via the ARRL. But, there were also times when dead carriers were thrown to timeout the system or the machines were turned off altogether. Then, we were forced over to simplex for those within range. FUN!!



On May 8, 1984, the Torch relay began its journey from NYC to LA. It began at the entrance to the United Nations where a stage and dais was set up for Olympic Officials and other dignitaries of assorted types made opening remarks and the Torch was lit by some magical signal that traveled by satellite all the way from Greece. The flatbed truck I was to drive with all the TV Cameras and Photographers was backed up to the curb directly in front of the stage and I waited for the signal to begin moving out as the Runners with their Torches followed. The throng of people all around the street sides and up above in offices and balconies and rooftops was amazing beyond description! In the minutes before the Runners were to begin, more and more TV and Photo people showed up and got up on the back of my

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stake body truck. Little did I know that the weight had pushed the back end all the way down and it was resting directly onto the curb. When the GO signal was finally given, I slowly drove out onto 1st Avenue and made a right turn North. The 2 runners with their Torches were right behind me and the cameras were rolling and clicking. To my surprise and shock, there was a horrible squealing noise coming directly from underneath my vehicle! As it turned out, the weight of all the people and equipment on the back of my truck had pushed it down onto the curb and released the spare tire that was still attached by a chain and dragging on the pavement. I wasn't allowed to stop since the entire World was watching, yet the noise was awful and I was worried the tire would finally come loose and possibly injure the Runners. The PR guys with me were going nuts since it could become embarrassing for GM and ATT if something went terribly wrong. Amazingly, in my passenger mirror I caught a glance of a NYC Police Officer getting under my moving truck. He began duck-walking under there as I continued to drive with the Runners behind me until he was able to unhook the dragging tire and toss it onto the nearby sidewalk. We were free and the noise was gone and we never saw the spare tire again. WHEW!!

For the remainder of the day, we zigzagged a bit around Manhattan and up through the Bronx and into CT along Rt.1 to the US Coast Guard Academy. Then, we continued through RI and up to Boston. One of the objectives we were given was to visit each of the Military Academies for a short ceremony with the Commanders. We did this also at West Point and Annapolis during my involvement.

After we went across MA and through West Point, the Caravan bypassed NYC and hit Philly and proceeded to Annapolis. From Annapolis, we had to meet up with Media people for TV/Photo shots through parts of DC. Having completed our assignments prior to that, the PR guys wanted to treat me to a lunch with soft-shell MD crab. Unfortunately, the Caravan had moved on well ahead of us and had taken the main freeway between Annapolis and DC. When we tried to take that route, the traffic was completely backed-up to almost a standstill in both lanes since Security would not allow anyone to pass the Caravan and Runners. We were stuck behind several miles of barely moving traffic. There would be big trouble if we didn't show up for the Media folks' story assignments in DC. What to do? The decision was made to take things off-road! So, we drove onto the shoulder and median grass all the way to DC past many hundreds of vehicles. A lot of the frustrated drivers had no idea we were part of the Torch Caravan and many of them pulled out to try to block us since they thought we were @\$\$&'ing jerks. They couldn't see our distinctive markings until we were right up to them. Fortunately, we made it with a good five minutes to spare.

In DC, we went to the White House where President Reagan made a short speech and held the lit Torch for a nice photo-op. One of his assistants tried to light the Torch for him by holding it upright not knowing that propane is heavier than air. Once one of our people showed them what to do by holding it upside down above one of our lit Torches, all was well. After DC, we went across RT.50 through VA and WV and up to Pittsburgh and over into OH and finally up to Cleveland. That's where my assignment was completed. The Torch Caravan resumed the next day with mostly new people and continued its 9300 mile journey through 33 States and reached its destination at the LA coliseum on July 28 after 81 days.

One of the features included with the '84 Olympic Torch Relay was raising money for various Youth Charities, such as the YMCA and the Boys & Girls Clubs, etc. To accomplish this, an

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Organization or Business or Individual could donate \$3000 and choose a Kilometer in a specific portion of the route in which to carry the Torch wearing an Olympic Uniform with many photo opportunities to document their achievement for Family, Friends, Media and Lifetime Memories. Nearly \$11 Million was raised. For those unsold portions of the route, usually through the wide open areas of America, the Caravan had 22 of its own Volunteer Runners to cover the long distances. On average, we covered about 120 miles each day.

For more info, see: [https://en.wikipedia.org/wiki/1984\\_Summer\\_Olympics\\_torch\\_relay](https://en.wikipedia.org/wiki/1984_Summer_Olympics_torch_relay)

ATT produced a Video documentary of the '84 Olympic Torch Relay available on YouTube:

<https://www.youtube.com/watch?v=v0GdbygXfDM>

The Opening Ceremony at the UN can be seen beginning at the 2:25 mark. Then, at the 3:40 mark you can see the Chevy Flatbed Truck I drove and the ton of Camera People and equipment on the back of it as I pulled away in the north direction up 1st Avenue (UN Plaza).

I could go on for hours telling the story of my experiences as a Volunteer on the 1984 Olympic Torch Relay, but this should be good enough for now.

Thanks for reading & 73,  
Bob K8BL



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**Upcoming Contests:** (from the OSJ)

|             |  |   |
|-------------|--|---|
| Sept. 1     | VHF-UHF FT8 Activity Contest                 | <a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a>        |
| Sept. 1     | UKEICC 80m Contests SSB                      | <a href="https://bit.ly/2SDPqQQ">https://bit.ly/2SDPqQQ</a>                                 |
| Sept. 4     | AGCW Straight Key Party                      | <a href="https://bit.ly/3ngQSpB">https://bit.ly/3ngQSpB</a>                                 |
| Sept. 4     | Russian "Radio" RTTY WW Contest              | <a href="https://bit.ly/3eWEtDI">https://bit.ly/3eWEtDI</a>                                 |
| Sept. 4     | <b>CWOPS CWOPEN 0000 – 0359Z</b>             | <a href="https://cwops.org/cwops-tests/cw-open/">https://cwops.org/cwops-tests/cw-open/</a> |
| Sept. 4     | <b>CWOPS CWOPEN 1200 – 1559Z</b>             | <a href="https://cwops.org/cwops-tests/cw-open/">https://cwops.org/cwops-tests/cw-open/</a> |
| Sept. 4     | <b>CWOPS CWOPEN 2000 – 2359Z</b>             | <a href="https://cwops.org/cwops-tests/cw-open/">https://cwops.org/cwops-tests/cw-open/</a> |
| Sept. 4-5   | All Asian DX Phone Contest                   | <a href="http://www.jarl.org/English/0-2.htm">www.jarl.org/English/0-2.htm</a>              |
| Sept. 4-5   | Colorado QSO Party                           | <a href="http://ppraa.org/coqp">http://ppraa.org/coqp</a>                                   |
| Sept. 4-5   | RSGB SSB Field Day                           | <a href="http://bit.ly/2OKdymu">http://bit.ly/2OKdymu</a>                                   |
| Sept. 4-5   | PODXS 070 Club Jay Hudak Memorial 80M Sprint | <a href="http://bit.ly/2MkaaNt">http://bit.ly/2MkaaNt</a>                                   |
| Sept. 4-5   | Tennessee QSO Party                          | <a href="https://tnqp.org/rules">https://tnqp.org/rules</a>                                 |
| Sept. 6     | RSGB Autumn Series SSB                       | <a href="https://bit.ly/3p4eShW">https://bit.ly/3p4eShW</a>                                 |
| Sept. 6-7   | MI QRP Labor Day CW Sprint                   | <a href="http://www.miqrp.net/contest">www.miqrp.net/contest</a>                            |
| Sept. 8     | VHF-UHF FT8 Activity Contest                 | <a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a>        |
| Sept. 11    | <b>FOC QSO Party</b>                         | <a href="http://www.g4foc.org/qsoparty">www.g4foc.org/qsoparty</a>                          |
| Sept. 11-12 | Alabama QSO Party                            | <a href="http://www.alabamagsoparty.org">www.alabamagsoparty.org</a>                        |
| Sept. 11-12 | SARL Field Day                               | <a href="http://bit.ly/H0lqQf">http://bit.ly/H0lqQf</a>                                     |
| Sept. 11-12 | Russian Cup Digital Contest                  | <a href="http://www.qrz.ru/contest/detail/86.html">www.qrz.ru/contest/detail/86.html</a>    |
| Sept. 11-12 | Worked All Europe SSB Contest                | <a href="http://bit.ly/2vufgcb">http://bit.ly/2vufgcb</a>                                   |
| Sept. 11-13 | ARRL September VHF QSO Party                 | <a href="http://www.arrl.org/september-vhf">www.arrl.org/september-vhf</a>                  |
| Sept. 12    | North American CW Sprint                     | <a href="http://ncjweb.com/Sprint-Rules.pdf">http://ncjweb.com/Sprint-Rules.pdf</a>         |
| Sept. 15    | RSGB Autumn Series CW                        | <a href="https://bit.ly/3p4eShW">https://bit.ly/3p4eShW</a>                                 |
| Sept. 16    | Bavarian Contest Club QSO Party              | <a href="https://bit.ly/2MDzviG">https://bit.ly/2MDzviG</a>                                 |

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|                    |                                  |   |
|--------------------|----------------------------------|---|
| Sept. 18-19        | ARRL 10 GHz and UP Contest       | <a href="http://www.arrl.org/10-ghz-up">www.arrl.org/10-ghz-up</a>                  |
| Sept. 18-19        | Iowa QSO Party                   | <a href="http://www.w0yl.com/IAQP">www.w0yl.com/IAQP</a>                            |
| Sept. 18-19        | New Hampshire QSO Party          | <a href="http://www.w1wqm.org/nhqso">www.w1wqm.org/nhqso</a>                        |
| Sept. 18-19        | New Jersey QSO Party             | <a href="http://bit.ly/1nDlf8V">http://bit.ly/1nDlf8V</a>                           |
| Sept. 18-19        | QRP Afield                       | <a href="http://bit.ly/2QACxFu">http://bit.ly/2QACxFu</a>                           |
| Sept. 18-19        | SARL VHF/UHF Digital Contest     | <a href="http://bit.ly/H0lqQf">http://bit.ly/H0lqQf</a>                             |
| Sept. 18-19        | Scandinavian CW Activity Contest | <a href="http://www.sactest.net/blog">www.sactest.net/blog</a>                      |
| Sept. 18-19        | Texas QSO Party                  | <a href="http://txqp.net">http://txqp.net</a>                                       |
| Sept. 18-19        | Washington State Salmon Run      | <a href="http://salmonrun.wwdxc.org/rules">http://salmonrun.wwdxc.org/rules</a>     |
| Sept. 19           | BARTG Sprint PSK63               | <a href="http://bartg.org.uk/wp/contests">http://bartg.org.uk/wp/contests</a>       |
| Sept. 19           | North American RTTY Sprint       | <a href="http://ncjweb.com/Sprint-Rules.pdf">http://ncjweb.com/Sprint-Rules.pdf</a> |
| Sept. 20           | 144 MHz Fall Sprint              | <a href="http://svhfs.org/wp">http://svhfs.org/wp</a>                               |
| Sept. 23           | RSGB Autumn Series Data          | <a href="https://bit.ly/3p4eShW">https://bit.ly/3p4eShW</a>                         |
| Sept. 25           | AGCW UHF/VHF Contest             | <a href="https://bit.ly/3lw91PK">https://bit.ly/3lw91PK</a>                         |
| <b>Sept. 25-26</b> | <b>CQWW RTTY DX Contest</b>      | <b><a href="http://www.cqwwrtty.com">www.cqwwrtty.com</a></b>                       |
| Sept. 25-26        | Maine QSO Party                  | <a href="http://www.ws1sm.com/MEQP.html">www.ws1sm.com/MEQP.html</a>                |
| Sept. 28           | 222MHz Fall Sprint               | <a href="http://svhfs.org/wp">http://svhfs.org/wp</a>                               |
| Sept. 29           | UKEICC 80m Contests CW           | <a href="https://bit.ly/2SDPqQQ">https://bit.ly/2SDPqQQ</a>                         |

###

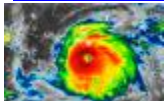
### **ARRL News:**

#### **[FCC Grants Temporary Waiver to Permit Higher Symbol Rate Data Transmissions for Hurricane Ida Traffic](#)**



Temporary FCC waiver allows Hurricane Ida-related data transmissions to employ a higher symbol rate than the current limit of 300 baud. [Read More](#)

### [Hurricane Watch Net Activates for “Catastrophic” Hurricane Ida](#)



The Hurricane Watch Net (HWN) is in Alert Level 5, “Catastrophic Response Mode,” as Hurricane Ida heads toward landfall on the coast of Louisiana. [Read More](#)

### [Hurricane Watch Net Calls for “All Hands on Deck” on Sunday](#)



As Hurricane Ida moves into the Gulf of Mexico drawing a bead on New Orleans, the Hurricane Watch Net (HWN) is ramping up preparations to track the storm during its approach. [Read More](#)

### [The K7RA Solar Update](#)



Tad Cook, K7RA, Seattle, reports: Sun watchers saw no spotless days this week. [Read More](#)

###

## Upcoming Hamfests

### 09/12/2021 - [Findlay Hamfest](#)

Location: Findlay, OH

Sponsor: Findlay Radio Club

Website: <http://www.findlayradioclub.org/hamfest>

[Learn More](#)

### 09/18/2021 - [Miami County Swap Meet](#)

Location: Troy, OH

Sponsor: Miami County Amateur Radio Club

Website: <http://w8fw.org>

[Learn More](#)

### 09/18/2021 - [Mound Amateur Radio Assoc. Swap Meet](#)

Location: Miamisburg, OH

Sponsor: MARA

Website: <http://W8DYY.ORG>

[Learn More](#)

### 09/26/2021 - [Cleveland Hamfest](#)

Location: Berea, OH

Sponsor: Hamfest Association of Cleveland

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

[Learn More](#)

###

## QRZ Ham Radio Trivia Quiz

Which famous TV news anchor was an amateur radio licensee?

- A: Harry Reasoner
- B: Douglas Edwards
- C: David Brinkley
- D: Walter Cronkite

What primary function does the 866A vacuum tube perform?

- A: Audio Amp
- B: Hi voltage Mercury Vapor Rectifier
- C: Pentode
- D: Twin diode

In any transmitter, what stage is always responsible for creating the initial frequencies used in later stages?

- A: Mixer,
- B: Final amplifier
- C: RF Multiplier
- D: Oscillator

Answers on page 25

###





# 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:

Saturday, February 6 \*  
Saturday, April 3 \*  
Saturday, June 5 \*

Saturday, August 7 \*  
Saturday, October 2  
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 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 Googling "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](https://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](mailto: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.



###



## 3<sup>rd</sup> Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **September 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 quests. 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 2<sup>nd</sup> 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.**

## Upcoming Events for September

- 9/11 Ohio State Parks On-the-Air @ Mentor Headlands State Park 10:00am – 6:00pm
- 9/18 Touch-a-Truck @ Willoughby Hills Municipal Center 9:00am – 2:00pm
- 9/19 Sunday-in-June (September) Bike Tour @ Burton Century Village 7:00am – 4:00pm  
(Volunteer radio operators needed)
- 9/25 National Public Lands Free Day @ James A. Garfield Home 9:00am – 3:00pm
- 9/25 Great Western Reserve Clambake @ LCHS 1:00pm – 4:00pm

###

## 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.

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### **Other Weekly Nets**

#### **Monday**

06:00-21:00 – BRRO Packet Net – Packet BBS: [AB8M@AB8M.#CLE.OH.USA.NOAM](mailto:AB8M@AB8M.#CLE.OH.USA.NOAM) or Winlink:AB8M@winlink.org

9:00 am. – Trivia Net – 146.940 (pl 110.9)

7:30 pm. – Lake County ARES Training Net – 147.210 (pl 110.9) – (b/u 147.255)

8:00 pm. – Geauga Emergency Amateur Radio Service Training Net – (check in on 146.940/R - followed by 147.435 simplex)

#### **Tuesday**

9:00 am. – Trivia Net – 146.940 (pl 110.9)

7:00 pm – ARES Ohio District Emergency Preparedness Training Net (**voice**) (Spring/Summer/Fall) 3.902 MHz (+/-)

7:30 pm. – Swap-N-Shop – 147.015 (pl 110.9)

7:45 pm – ARES Ohio District Emergency Preparedness Training Net (**data**) – 3584.500 KHz. 1500 Hz waterfall-**USB** – Olivia 8-500

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

#### **Wednesday**

9:00 am. – Trivia Net – 146.940 (pl 110.9) –

8:00 pm. – Quarter Century Wireless Association Net – 146.850 (pl 110.9)

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

#### **Thursday**

9:00 am. – Trivia Net – 146.940 (pl 110.9)

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

8:00 pm. – Ashtabula Radio Club 2 Meter Net – 146.715 (pl 141.3) – (Echolink node- N8CT/L)

8:00 pm. – Lake Erie ARA 2 Meter Net – 146.760 (pl 110.9) – (back/up 146.880 – pl 110.9)

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8:00 pm. – Portage County Amateur Radio Society 2 Meter Net – 146.895 (pl 118.8 – Streetsboro input) (Echolink - use- K8BF-L node #508081)

### **Friday**

9:00 am. – Trivia Net – 146.940 (pl 110.9)

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

### **Saturday**

9:00 am. – Trivia Net – 146.940 (pl 110.9)

2:00 pm -. Swan Tech Net – 7.235 MHz

3:30 pm. – Kenwood Hybrid Tech Net – 7.235 MHz

### **Sunday**

8:00 am – DX 60 Net – 3.880 MHz – **AM mode**

9:00 am. – Trivia Net – 146.940 (pl 110.9)

3:00 pm – ARES Ohio District Emergency Preparedness Training Net – 3584.5 MHz-**USB** (+1500 Hz waterfall) (Olivia 8-500)

4:00 pm. – Drake Tech Net – 7.238 MHz

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

###

## Sell, Seek or Trade

**Bill Somrak < [KB8EB@cooncat.net](mailto: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

Mike, KD8JDL has donated 100's of radio tubes from his father's store. If members are in need contact Ed, KB8BKE. No charge.

Check the LCARA website Swap/Sell/Trade page for more equipment available.



Since 1978

# September 2021

| Sun.                                    | Mon.  | Tue.                                       | Wed.                            | Thu.  | Fri. | Sat.                                 |
|---|---|--|---------------------------------|---|------|--------------------------------------|
|   |   |  | 1<br>LCARA Meeting<br>7:00pm    | 2<br>2 Mtr. Net 7:00pm<br>ARES D-10 Net<br>7:00pm | 3    | 4                                    |
| 5                                       | 6<br>LC ARES Net<br>7:30pm<br><br>Labor Day | 7  | 8<br>LCARA Board<br>Mtg. 7:30pm | 9<br>2 Mtr. Net 7:00pm                            | 10   | 11<br>OSPOTA                         |
| 12<br>Findlay Hamfest                   | 13<br>LC ARES Net<br>7:30pm                 | 14   | 15<br>10 Mtr. Net<br>8:30pm     | 16<br>2 Mtr. Net 7:00pm                           | 17   | 18<br>Will'by Hills<br>Touch a Truck |
| 19<br>CTC's Sunday in<br>June Bike Tour | 20<br>LC ARES Net<br>7:30pm                 | 21<br>3 <sup>RD</sup> Tuesday<br>Breakfast | 22<br>10 Mtr. Net<br>8:30pm     | 23<br>2 Mtr. Net 7:00pm                           | 24   | 25<br>LCHS Clambake                  |
| 26<br>Cleveland<br>Hamfest              | 27<br>LC ARES Net<br>7:30pm                 | 28   | 29<br>10 Mtr. Net<br>8:30pm     | 30<br>2 Mtr. Net 7:00pm                           |      |                                      |
|   |   |  |                                 |   |      |                                      |



## QRZ Radio Trivia Quiz Answers

Which famous TV news anchor was an amateur radio licensee?

- A: Harry Reasoner
- B: Douglas Edwards
- C: David Brinkley
- D: **Walter Cronkite – Correct Answer**

What primary function does the 866A vacuum tube perform?

- A: Audio Amp
- B: **Hi voltage Mercury Vapor Rectifier – Correct Answer**
- C: Pentode
- D: Twin diode

In any transmitter, what stage is always responsible for creating the initial frequencies used in later stages?

- A: Mixer,
- B: Final amplifier
- C: RF Multiplier
- D: **Oscillator – Correct Answer**

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### The 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*

*Serving Lake County 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

224.500 - 1.6MHz -PL tone of 141.3 Hz.

444.650 + 5.0MHz -PL tone of 131.8 Hz.

N8BC trustee, Bob Liddy