



#### K9MCE Officers:

- President: Mark Lewis, KD9EFO
- Vice-President: John Nalezty, KD8KVO
- Secretary: Mark Kerhlikar, WD9HBF
- Treasurer: Tim Coonrod, KC9HQA
- Trustee: Skp Riba, WS9V
- **Board of Directors:**
  - Mark Osborn, WA9SXX
  - Bill Ogle, W9FJ
  - Jim Pitchford, N9LQF
  - Ron Ochu, KO0Z

Macoupin County ARC  
129 East First Street  
PO Box 253  
Carlinville, IL 62626-0253

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# K9MCE QSN

Volume 7, Issue 7

July 2019

## K9MCE Club Meeting on Wednesday 3 July



Mark your calendars now and plan on attending this month's meeting of the Macoupin County Amateur Radio Club at 7:00 pm on Wednesday, July 3rd. We meet on the second floor of the Macoupin County Sheriff Department, 215 S. East

Street, Carlinville, IL 62626.

Prior to the club meeting the club has an informal dinner gathering, this month, at the Reno's Pizza in the Carlinville square starting around 5:00 pm.

The program will cover FD

wrap up, hamfest update and repeater committee. After the business meeting, FCC VE testing is offered. Call Lou, K9LL for an appointment @ 618-977-4658. Be sure to bring a copy of your license, some pencils and a non-programmable calculator.

## K9MCE TRY GRIDS HONOR ROLL

### Try Grids Certificate Of Achievement

This certificate is awarded to

**Your name**  
**Your Call**



In recognition of making two way  
communications using VHF/UHF  
simplex frequencies with three grid  
squares.



Signature K9MCE President

Date

Signature K9MCE Award Chairperson

Date

***"These club  
members  
earned the Try  
Grids Award  
and are Honor  
Roll members."***

#### HONOR ROLL MEMBERS:

Jim Pitchford, N9LQF

Mark Kerhlikar, WD9HBF

Jeff Naville, KC9WZO

Paul Durand, KC9YCP

Ed Kallbrier, KC9QHJ

Bill Ogle, W9FJ

Skip Riba, WS9V

Mark Lewis, KD9EFO

Lou Bartels, KC9YFU (K9LL)

Debbie Ochu, KC9ULA

Dave Reynolds, WA9OEX

Judy Reynolds, KA9ACM

Ron Ochu, KO0Z

The K9MCE Try Grids Award was established two years ago to encourage Macoupin County ARC club members to experience the joys of VHF/UHF communications.

Members are encouraged to learn more about VHF/UHF propagation, antennas and coax and to improve their stations. Towards that end the award was created and the goal is to successfully establish two-way VHF/UHF contacts either from your QTH or mobile with amateurs in three grids. More information pertaining to grids can be found at this ARRL webpage: <http://www.arrl.org/grid-squares>

Wayne, KC9ZYQ is in EM58 and Dirk, W9OSI is in EM49 and these gentlemen are available for VHF skeds for those



#### Macoupin County ARC Mission Statement

We, the undersigned, being desirous of securing for ourselves the pleasures and benefits of the association of persons commonly interested in Amateur Radio, by promoting civic interest, specific application, social activities and developing individual efficiency, while improving the general interest in amateur radio, do ordain and establish this Constitution and By-Laws of the Macoupin County Amateur Radio Club Inc., a non-profit corporation. We do further agree that in pursuit of these purposes, this organization shall be non-sectarian, non-partisan and that it shall lend neither support or influence to any political party or candidate for office. The Macoupin CountInc., shall afford all persons, regardless of race or creed an equal opportunity to join, participate, hold office and enjoy in the benefits of this organization and the challenges of amateur radio.

## FD 2019 is in the Books

K9MCE club members descended on Mt. Olive Township Park over the June 22-23rd weekend to participate in the ARRL's annual Field Day event. The purpose of the event is to provide an exercise to test emergency communications readiness and to showcase amateur radio to the public.

To spice up the event, Macoupin County ARC and Okaw Valley ARC have a friendly competition for

bragging rights and a traveling trophy. Both clubs play their cards close to the vest as we eagerly await FD results to be published to see who will be this year's trophy recipient. In the meantime, both clubs will reflect on this year's FD accomplishments.

Okaw Valley ARC contested in air-conditioned comfort at their new FD digs, The American Farm Heritage Museum; whereas, we earned each and every point through

sweat equity at Mount Olive Township Park! In fact, at times it was hard to tell if our dripping clothes were the result of sweat or working in the rain. Combination of both, I'll bet.

The weather was dampening, but not daunting as K9MCE members rose to meet the challenge. We had almost 30 club members and visitors.

This year, we did get a porta potty delivered, which



Continued on page 6

## What Was That, Up Over EM59?

On Wednesday evening, June 19 at approximately 5:30 pm, Ron KO0Z, while BBQing, looked up at his tribander and noticed a very bright, semi-transparent, spherical object hovering over his Girard QTH. Before long, low-level clouds obscured the object. Thinking that it must be a weather balloon, KO0Z didn't give it much further thought. Two

hours later, Ron went back outside and now saw it a little further west. He called Jim, N9LQF and Jim saw it directly over his QTH. In the meantime, the spherical, white object changed into an oval and then back to a sphere.

KO0Z got on Skip's repeater and inquired if others were able to see it. Isaac WX9SRV, Mike K9MDQ, Aaron N9UJH,

Mark WA9SXX, Skip WS9V and Christy KD9GKL all saw that balloon and another one just like it. The NWS told N9LQF that their KC office saw it a day later. According to the NWS, public consensus is that these balloons are Google's Loon's project to make internet available to rural areas.

Continued on page 5

*"In the  
meantime, the  
spherical,  
white object  
changed into  
an oval and  
then back to a  
sphere."*

## Your ARRL Central Division Contacts:

**Director:** Kermit Carlson; w9xa@arrl.org 630-879-0983

**Vice Director:** Carl Luetzelschwab, K9LA, k9la@arrl.org; 260-637-6988

**Illinois Section Manager:** Ron Morgan, AD9I, AD9I@comcast.net





Beaver Dam Dash

*"We are fortunate that the Pana high school students will be attending the hamfest again with their new and improved solar car!"*

## Please Make November Plans Now!

The first event of the month is the Beaver Dam Dash running event at Beaver Dam State Park. This year the Dash will take place on Saturday, November 9th. Typically, 6 to 7 operators are needed for this morning event that typically last 3 hours or so. The Dash is not a huge time commitment.

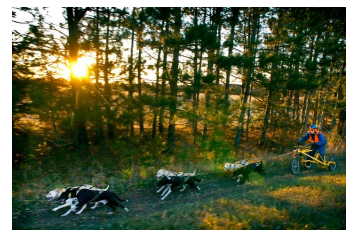
The second event will be the entire weekend of November 16 and 17. Do you remem-

ber the Dry Dog Sled race in spring that was cancelled due to wet weather? It's been rescheduled for November 16 and 17. Mark, WD9HBF will need at least 8 club members to assist with communications for this fun event. Please mark these events on your calendar. Your help is greatly appreciated.

Please check your availability for Saturday morning No-

vember 9 and the weekend of November 16-17.

All you need is enthusiasm, HT and time!



Dry Dog Sled Race

## West Central Illinois Hamfest Update

Work continues on making the West Central Illinois Hamfest one of the premiere area hamfests that hams will not want to miss.

We have an outstanding forum line-up and our ARRL division officials will be attending!

Each year the hamfest continues to grow and to attract

new folks. We are fortunate that the Pana high school students will be attending the hamfest again with their new and improved solar car!

Publicity continues to grow for the hamfest and ARRL exams will be offered for anyone wishing to earn a license or to upgrade. Be sure to bring a photo ID, a copy of your license, a non-

programmable calculator and \$15.00.

Unfortunately, at this time, hamfest committee members haven't been able to secure a ham radio vendor. It appears that Cedar Rapids is expanding their hamfest to a two day event. However, the vendor search is still in progress.

## Original 13 Colonies Special Event

Commencing on 1 July at 13:00 Z, the 11th anniversary of the Original 13 Colonies Special Event will be on the air through 7 July until 04:00 Z.

K2A=NY, K2B=VA, K2C=RI, K2D=CT, K2E=DE, K2F=MD, K2G=GA, K2H=MA, K2I=NJ, K2J=NC, K2K=NH, K2L=SC AND K2M=PA. There are three bonus stations K2N,

WM3PEN and GB13COL in England.

These stations will have contact information on QRZ.com. A nice certificate is available for ops making confirmed, two-way contacts with the original 13 special event stations.

These stations will be operating on HF and on various

modes including phone, cw and digital.





## Dave Reynolds WA9OEX SK

With profound sadness and heartfelt sorrow we regret to announce the passing of our friend Dave Reynolds WA9OEX on Sunday, June 23rd at St. John's Hospital in Springfield, IL.

Although, Dave was not a member of the Macoupin County ARC, he was very active in the Macoupin, Montgomery and Green County ARES group. Dave had a commanding 2 meter

and 70 cm signal and he'd often provide relays during simulated emergency drills and for the weekly ARES net.

Dave was a leader in the Montgomery County ARC and he was a regular West Central Illinois Hamfest attendee.

WA9OEX's trade mark chuckle and friendly disposition will be sorely missed.

73 Dave WA9OEX SK



Dave WA9OEX and Judy KA9ACM

## What Was That, Up over EM 59? (continued)

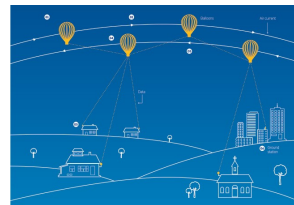
Continued from page 3.

Mark KD9EFO's vision was obstructed by trees which frustrated him because repeater traffic described what everyone was seeing (except him). However, but he supplied a wealth of research regarding Loon. Isaac WX9SRV supplied additional data which supports the hypothesis that what we saw over EM59 was indeed Loon

balloons. These balloons slowly drift at altitudes of 60-70 K feet, well above commercial flight altitudes.

Evidently, these balloons carry solar panels, transponders and RF gear which enable them to link between each other and ground stations; thereby, providing internet for rural areas.

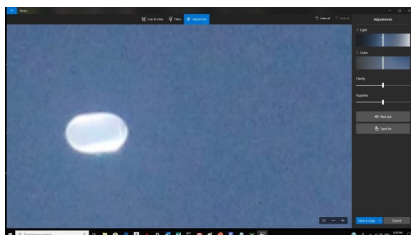
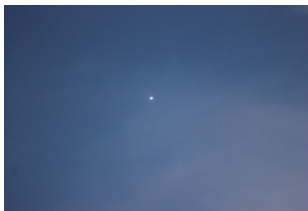
Isaac WX9SRV has some



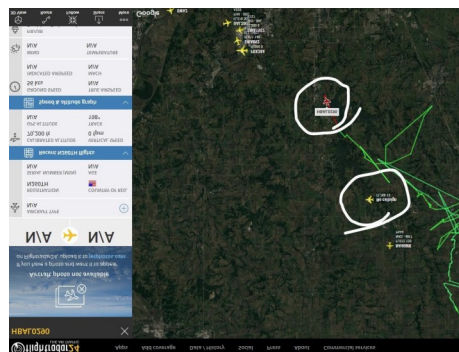
Google Loon illustration

*"Christy  
KD9GKL took a  
nice, closeup  
of what we  
saw over  
EM59."*

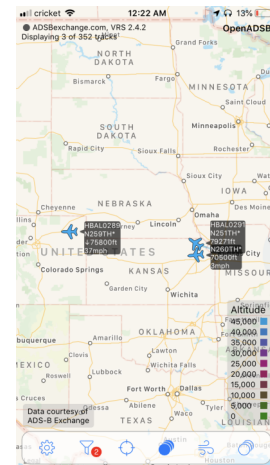
telemetry data and Christy KD9GKL has a nice, closeup



Christy KD9GKL photos.



Isaac WX9SRV telemetry data.



## FD 2019 is in the Books

### Continued from page 3.

made life just a bit more “civilized” and a bit more “comfortable.”

Once again this year, club members enjoyed pizza delivered to us in a hot rod. After putting up antennas, running coax and generator cords, setting up tables and chairs, while all the time dodging rain drops and bolts of lightning, when dinner time arrived, pizza was just what we needed!

Last year, we had a triband yagi up in the air on a portable tower, but Skip WS9V wasn't able to join us. Instead, we put up a multiband dipole configured as a NVIS. We also had a 40 meter loop, an 80 meter bazooka, a satellite station, 6 meter, 2 meter and 70 cm yagis. Saturday afternoon saw a good Es (Sporadic E) opening and WD9HBF was in the midst of a 6 meter pile-up. A lot of K9MCE members got see and hear the thrill of the magic band!

Mother nature threw us rain showers and muggy conditions, but we did get a little sunshine and the heat wasn't too oppressive. Propagation wasn't too good. 10 and 15 meters were almost dead. 20, 40 and 80 meters along with 6 were the workhorse bands for us.

As we eagerly await the official ARRL FD results to be published, here is some preliminary K9MCE stats: We worked all Canadian Provinces except for MB and NL. We worked all states except for DE, AR and AK. We made 5 DX contacts: Russian, Hawaii, France, Serbia and U.S. Virgin Islands.

There's an adage, “a picture is worth a thousand words.” Instead of thousands of words here are some K9MCE FD pictures!



WD9HBF FD Chair K9MCE



WD9HBF FD Breakfast!



Speedy pizza delivery!



Kendon, K9MDQ's grandson operated FD!



Ron KO0Z working CW





WD9HBF's 6 m antenna



Les's FB, FD solar array setup



Don KD9MQX on phone



Jim N9LQF making his way back to phone



Jeff KD9WZO and Mark WD9HBF on 6



Andy our elected official



Mike K9MDQ studying FT8 with Mr. Digital, Mark KD9EFO



Watching the 6 meter set-up



Mike KD9MDR, Jim N9LQF and Kendon on 40 m phone



Dan KD9LON's completed go box



Mike KD9MDR operating 40 m phone



Rain clouds overhead our FD QTH



6 m operating station



N9LQF, safety officer, giving a safety briefing



Our FD energy "secret"



Another view of 6 m op station



A lot of club members came to FD!



Jim N9LQF brought lots of snacks, Tnx!



Mark KD9EFO setting up his digital station



Don and Andy at the 40 meter station

Thank you to Mark WD9HBF, Mark KD9EFO, Dan KD9LON and Ron KO0Z for the FD photos.

**LIFE IS SIMPLE**



AMATEUR RADIO  
www.dxzone.com



## Monthly, QSL Card Feature

A very fun, time-honored ham radio tradition is the exchange of QSL cards. A QSL card is a “postcard” that verifies a two-way radio contact between two amateur radio operators. Although, electronic log books can exchange log data, it is still fun to receive and collect QSLs. So far, we’ve shared QSL cards in this newsletter for three months. Mark KD9EFO and Ron KO0Z have shared some of their memories. I bet you have a QSL card that is especially meaningful to you! Even if it is your very first QSL and it’s with a ham down the street from you, please share it! All you need to do is scan the QSL card or to take a photo of it and send it to Ron KO0Z.

[illegible]

This month, Ron KO0Z is sharing two QSL cards he just received from the Zero Land QSL Bureau (Burro). Hams jokingly refer to QSL card bureaus as a burro because it can take a few months or up to years to get a QSL card through the system. On the other hand, bureaus offer a far less expensive alternative to sending overseas QSL cards by air mail.

Ron's first QSL is OH8X in Finland. Please note the full size 3 element on 160, 5 elements on 80 and 4 over 4 elements on 40 meter, yagi was up 330 feet on the tower. Some serious contesting took place with the Arcala Mammoth. Unfortunately, a huge storm on December 3rd, 2013 took the tower and yagi down. Fortunately, no one was injured or property destroyed except for the antenna and tower.

The second QSL is JM1IGJ with Takayuki in Japan. What makes this JA QSL especially noteworthy is that the QSO was made on 6 meters using FT8!

**K9MCE MACOUPIN AMATUER RADIO CLUB****MINUTES FROM JUNE 5th. 2019 REGULAR BUSINESS MEETING**

**Meeting called to order** by President Mark L KD9EFO at 7:00 PM with the pledge of allegiance

**Officers Present:** President Mark L KD9EFO, Secretary Mark K WD9HBF, BOD Member Jim P N9LQF, BOD Member KO0Z, BOD W9FJ, and club members including, Mike M KD9MNR, Lou B K9LL, Mike K9MDQ, Chuck N9LQF, Dan KD9LON

**GUEST:** None

**APPROVAL OF PREVIOUS MONTH'S MINUTES** (May 1st, 2019)

Motioned by: Jim P N9LQF      2<sup>nd</sup> by: Ron KO0Z

**Motion Passed****TREASURER REPORT** (Tim C KC9QHA was absent, Jim P gave the balance)

Bank Balance: \$5455.28 (6/5/19)

Motion to accept Treasurer Report

Motion by: Dan H KD9LON      2<sup>nd</sup> by Ron KO0Z

**Motion Passed**

**HAMFEST NEWS:** Ron reported that the next hamfest meeting is this coming Sunday June 8<sup>th</sup>, in Litchfield, IL, and is also the Egyptian ARC Hamfest. Tower Electornics was contacted by Ron about being a vendor, Ron has not heard back from them yet. Cedar Rapids is having a 2 day hamfest so Les of D and L will be at Cedar Rapids Hamfest and not at ours.

**FIELD DAY NEWS** (Mark K WD9HBF)

Mark K presented at the end of the meeting discussing all the details.

**K9MCE WEBSITE REPORT** (Isaac P. WX9SVR, not present tonight)

Isaac was not in attendance and Mark L KD9EFO said that Isaac was busy spraying at work so no analytics to share this evening.

**VP of EMERGENCY COMMUNICATIONS** (Jim P. N9LQF, Macoupin County EM)

Nothing to report, but Dan KD9LON said Greg Nemo of Montgomery County had requested Dan to go to Hardin IL with the drone, and Dan said that the STARCOM radios had failed, so Greg wants hams to join his group as a secondary back up for communicators. A two-day curriculum was discussed the possibility of Ron O could get a date and more instructors established.

Ron also discussed the fact that our ARES group, or the Macoupin, Green, Montgomery County ARES group is beginning to cover the eastern edge of STL NOAA weather coverage area. Ron states that

he is getting check-ins from many different areas covering a very large area.

Jim P made a motion to support the Montgomery County EMA in their effort to host a radio class.

Motion was seconded by Dan KD9LON.

**MACOUPIN COUNTY ARES REPORT** (Ron O. KOØZ, Macoupin County EC)

Ron reported that NWS in STL has decided because of safety issues remove the hanging antennas used for amateur radio WX reports and has decided not to replace them. They are relying more on Social Media than ground truth reports that hams so diligently perform. NWS chat and FB are the main social media being used, which is unfortunate because not all those people are trained like us hams. We need to keep up doing what our ARES team has been doing, reporting ground truths to whoever the net control op's are, either Ron KOØZ or Mark L KD9EFO

**OLD BUSINESS:** None.

**NEW BUSINESS:** Jim Pitchford N9LQF brought up new business: Skip Reba has offered to the members of the K9MCE club, the sale of both his repeaters, 147.045 in Athens and 444.250 in Gillespie. Jim points out that if K9MCE doesn't want to purchase it, we could have the potential opportunity to join with the OVARC club and come together and form a repeater organization.

Skip's asking price is \$3300 for both repeater systems.

There are many issues that need to be discussed: What is the maintenance on the repeater, what are the costs of the preamps when lightening strikes, how much time does he spend cutting grass at the site or would there be an extra charge per month by the tower owner. We as a club present the tower owner Tom N9GGF, a \$200 check every December as a thank you from our club. The 146.820 repeater system is out at the site also.

The operations of who is going to keep the system running, who's going to run out to the repeater site for maintenance, who's going to be the qualified person that would be willing to work on the system.

Jim P reiterated, "Is this something that this club is willing to pursue, or do we want to put a group together or are we going to do it with other clubs?"

Mark Lewis brought up the idea of a digital repeater that might replace an existing repeater. Mark L also suggested a committee to be involved with this decision.

Mike K9MDQ says that Jeromy has helped keep .820 machine on the air.

Club minutes continued on next page



**Club minutes continued**

Lou suggested that a monthly get together showing club members what the system is all about and how it all works.

Ron O voiced that he was not opposed to OVARC cooperation with this matter. They have a vested interest in the coverage area too. They have resources too that can be used.

Mark K pointed out that we need to keep the system and agreed with Ron O with regards to club members at OVARC that have equipment and the know-how to keep the system up and running.

No one here at the meeting do not want to lose the WS9V repeater system.

Ron pointed out that finding a suitable site similar to Skip's location and the commercial antenna (and a back-up) and the 300 or more feet of inch and 5/8 hardline would be mighty hard to duplicate.....

Jim wrapped up the comments saying that, yes we want to keep the repeater system, and the committee if formed needs to communicate with the tower owner Tom, Mark Lewis KD9EFO, Mike K9MDQ, Ron O KO0Z, Mark K WD9HBF will be on the repeater committee.

WS9V call-sign is on the APRS station in Virden on a Royell Tower. The IDEN network is on the Macoupin County 911 tower outside of Carlinville, IL.

Montgomery Co club has been donated a repeater.

**NEXT K9MCE MEETING AUGUST 7th 7:00 PM**

**MOTION TO ADJOURN:** Made by: Dan KD9LON      2nd by: Mark K WD9HBF

TONIGHT'S PROGRAM WAS PRESENTED Mark K WD9HBF and discussed the many details of this year's K9MCE Field Day Event to be held at the Mt Olive Township Park on Wolff Road near White City, IL. Other details including bands, antennas, food, etc.

## New Cellphone IL State Law

A new Illinois state cellphone law goes into effect on Monday, July 1st. The new law makes electronic device use while driving a moving violation instead of a warning. Violators are subject to a \$75.00 fine for the first offense, \$100.00 for the second offense, \$125.00 for the third offense and \$150.00 for subsequent offenses.

Three violations in a year can result in a suspended driver's license.

Ham radio operators using their FCC radios are exempt from the law. It may be a good idea to keep a copy of the law in your vehicle, just in case an officer questions you about your ham radio mobile usage.

Thank you to Dan KD9LON for this update.

HB4846 Enrolled LRB100 18654 LNS 33881 b

AN ACT concerning transportation.

Be it enacted by the People of the State of Illinois,  
represented in the General Assembly:

Section 5. The Illinois Vehicle Code is amended by changing

Section 12-610.2 as follows:

(625 ILCS 5/12-610.2)

Sec. 12-610.2. Electronic communication devices.

(a) As used in this Section:

"Electronic communication device" means an electronic device, including but not limited to a hand-held wireless telephone, hand-held personal digital assistant, or a portable or mobile computer, but does not include a global positioning system or navigation system or a device that is physically or electronically integrated into the motor vehicle.

(b) A person may not operate a motor vehicle on a roadway while using an electronic communication device.

(b-5) A person commits aggravated use of an electronic communication device when he or she violates subsection (b) and in committing the violation he or she was involved in a motor vehicle accident that results in great bodily harm, permanent disability, disfigurement, or death to another and the violation was a proximate cause of the injury or death.

(c) A second or subsequent violation of this Section is an offense against traffic regulations governing the movement of vehicles. A person who violates this Section shall be fined a maximum of \$75 for a first offense, \$100 for a second offense, \$125 for a third offense, and \$150 for a fourth or subsequent offense.

**(d) This Section does not apply to:**

(1) a law enforcement officer or operator of an emergency vehicle while performing his or her official duties;

(2) a driver using an electronic communication device for the sole purpose of reporting an emergency situation and continued communication with emergency personnel during the emergency situation;

(3) a driver using an electronic communication device in hands-free or voice-operated mode, which may include the use of a headset;

(4) a driver of a commercial motor vehicle reading a message displayed on a permanently installed communication device designed for a commercial motor vehicle with a screen that does not exceed 10 inches tall by 10 inches wide in size;

(5) a driver using an electronic communication device while parked on the shoulder of a roadway;

(6) a driver using an electronic communication device when the vehicle is stopped due to normal traffic being obstructed and the driver has the motor vehicle transmission in neutral or park;

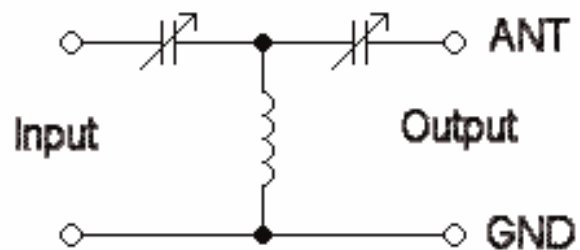
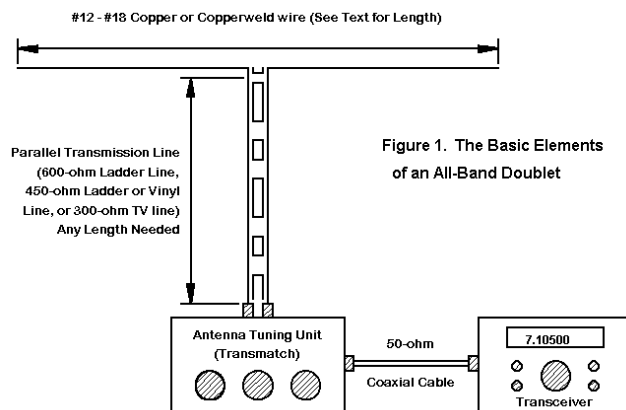
(7) a driver using two-way or citizens band radio services;

**(8) a driver using two-way mobile radio transmitters or receivers for licensees of the Federal Communications Commission in the amateur radio service;**

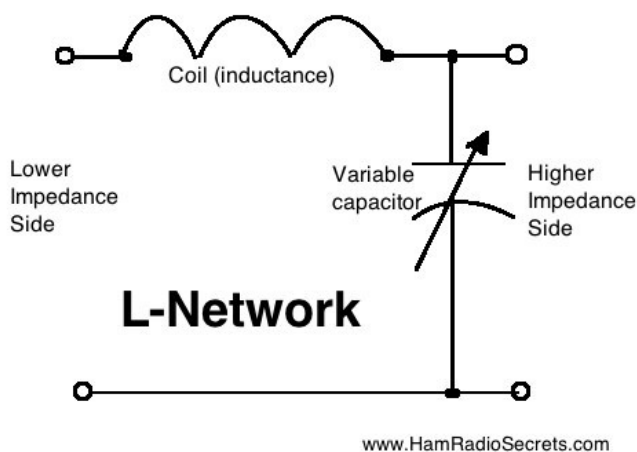
(9) a driver using an electronic communication device

## Antenna Tuners

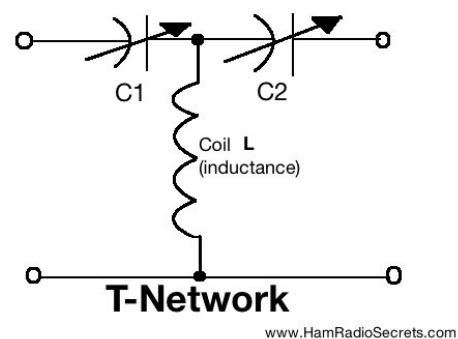
Antenna tuners are not magical. If an antenna is not resonant on a particular band, it will not receive and transmit RF energy as efficiently as a resonant antenna. Resonance means that the antenna exhibits only resistive losses (wire, etc) and not inductive or capacitive losses. An antenna tuner will compensate for inductive or capacitive losses by adding in the necessary inductance or capacitance. Doing so will present a 50 ohm load to your transceiver, which will allow you to transmit full power; thereby, allowing your rig to safely transmit into the antenna. The capacitive and inductive reactance is still there, but the tuner is now converting those values into heat. The tradeoff is that you can use a non-resonant antenna and still get on the air.



A "T-Network" antenna tuner uses two variable capacitors and an inductor coil.



L-Network tuners use a coil and a variable capacitor.





## WEST CENTRAL IL HAMFEST-SAT, AUG 3 2019

Talk-in 444.250  
(103.5)

7 AM TO 1 PM

CARLINVILLE, IL Macoupin County FAIRGROUNDS



**MAJOR PRIZE: KENWOOD TM-V71A  
DUAL BAND MOBILE RADIO.**

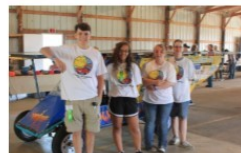
Plus plenty of attendance prizes

ARRL VE EXAMS 9:30 AM, Walk-ins fine, bring photo ID and a license copy if upgrading

### FORUMS

<u>TIME</u>	<u>FOOD COURT</u>	<u>4H Bldg</u>	<u>N Bldg</u>
8 AM	Weak Signal Mark WD9HBF	Beverages & Loops Skip WS9V	Ballooning Dan K9DNO
9 AM	X	Chicago Marathon Rob K9RST	X
10 AM	ARRL Forum Kermit W9XA	Space WX Impact on HF Ken KK9N	Skywarn/Tornado Dec 1 Mark KD9EFO, Issac WX9SRV, Dan KD9LON
11 AM	Soldering Kit Workshop Mike KD9MNR	AMSAT Forum Tom N0TJA	Solar Car Development Pana H.S. Students

###ARRL Club Forum/Roundtable Discussion 1-3 pm, 4 H Bldg###



More info contact Jim N9LQF @217-248-3548, Flea Market/Tables John W9KXQ 618-664-0219



Admission: \$5 Tailgating \$ 10 (admission + \$5)

Indoor Flea market:\$15 (admission + table)

Each additional table is \$5





# SCARC HAMFEST



**August 11  
2019**

**Elks Lodge--O'Fallon, MO  
1163 Tom Ginnever Ave. 63366**

Lat 38.822739, Long -090.667931W

## Admission tickets

1 - \$ 5.00

5 - \$ 20.00

## Vendor hall opens

8AM - 12PM

Flea Market opens

7AM - 12PM

## Prizes

1<sup>st</sup> prize Geochron digital 4K

2<sup>nd</sup> Prize AnyTone AT-D878UV

3<sup>rd</sup> Prize West Mountain Radio RIGrunner 4008  
W/ Pack of (10) 30A Powerpole connectors

## Talk In

146.670 -

Alt.

145.330 -

## Tables

\$ 15.00 before Aug 1<sup>st</sup>

\$ 20.00 after Aug 1<sup>st</sup>

8' Tables

Chairs / Electric Provided

Covered access Loading assistance

Air Conditioned Hall

Vendor access / setup 6:30 AM

## Flea Market

\$ 10.00 per space

Large, flat parking area

Limit items to Amateur Radio and Electronics

Vendor access / setup 6:30 AM

**WB0HSI.org/hamfest**

**CONTACT: Michael Maninger KC0GKN**  
**(636)697-5381 Please leave message if no answer**  
**Email: [scarc.hamfest@gmail.com](mailto:scarc.hamfest@gmail.com)**

*Visit the SCARC store to buy tickets & tables / spaces*  
**[Squareup.com/market/st-charles-amateur-radio-club-inc](https://squareup.com/market/st-charles-amateur-radio-club-inc)**



## PEORIA SUPERFEST September 21-22, 2019

Exposition Gardens 1601 W. Northmoor Rd. Peoria IL  
Amateur Radio and Accessories / Electronics Show - Saturday & Sunday



### "100 years of PAARC Celebration!!!!"

Peoria Area Amateur Radio Club turns 100 years old in 2019 and we want you to come celebrate with us!!

We will also be hosting the Illinois State ARRL Convention.

### Outdoor Flea Market Spaces

First space is \$10 (Approximately 20'x20') \$5 for each additional contiguous space for same vendor. *Flea Market Spaces always available at the gate.*

### Hours

**Friday:** Set-up Day: 1 PM-7 PM  
**Saturday:** Flea Market: 6 AM – 4:00PM,  
Indoor vendors: 8 AM - 4 PM  
**Sunday:** Flea Market: 6 AM - 1 PM,  
Indoor Vendors: 8 AM - 1 PM

### Great Hourly Prizes

Sat & Sun, starting 9 AM, Unclaimed hourly prizes redrawn Sunday, after GRAND prize drawing at 1 PM. (Grand Prize Ticket Holder need not be present)

Order Flea Market Spaces/Advance Tickets  
On-Line with PayPal® (or with MasterCard,  
VISA or Discover)

Indoor Commercial Vendors  
See website or write: Commercial Exhibits,  
PAARC, P.O. Box 3508, Peoria, IL 61612-3508  
Or, e-mail [w9uvi@arrl.net](mailto:w9uvi@arrl.net), Info Line: 309-453-9331

Saturday - Forums (Check [www.w9uvi.org](http://www.w9uvi.org) for schedule) FCC Testing, 1:30 P.M. – 3 PM  
Sunday - Go-Kit Competition, High Altitude or Pico Balloon Launch

Talk-in 147.075 (+) 156.7 CTCSS

Running of personal recreation conveyances (examples are, but not limited to mopeds, go-carts, motorized bicycles, ATV 3 and 4 wheelers) powered by internal combustion engines will not be allowed on Exposition Gardens property during Superfest 2017

Orders for Advance Tickets and Flea Market Spaces should contain a #10 SASE and must be received by Sept. 10, 2019. Make checks payable to Peoria Superfest. Mail to Peoria Superfest, POBox 3508, Peoria, IL 61612-3508. Each request should include your complete name and address, call sign, the number of tickets @ \$7.00 each and/or the number of spaces needed. Flea market spaces are \$10 for the first space and \$5 for each additional contiguous space. Each space is 20' X 20'.

Tickets are good all weekend!! Advance Tickets \$7 (2 prize stubs) Gate Tickets \$10 (1 prize stub)

Children 12 and under free!





**Steve O'Dell LUTCF**  
**145 E. Jackson St., Virden, IL**  
**62690**  
**217-965-5888**  
**Annuities, Auto, Financial Plan-**

**Longtime supporter of the West Central Illinois Hamfest!**

## **K9MCE QSN Contact Information:**

**K9MCE QSN** is a monthly publication of the Macoupin County Amateur Radio Club. Our club meets on the first Wednesday of the month at 7:00 pm on the second floor of the Macoupin County Sheriff Department in Carlinville, IL

**Editor:** Ron Ochu, KO0Z. [ronochu.sky@gmail.com](mailto:ronochu.sky@gmail.com)

**Repeaters:** 444.250 (103.5 pl); 146.865 (103.5 pl).

**Website:** [www.k9mce.org](http://www.k9mce.org)

**Webmaster:** Isaac Pizzo, WX9SRV



Macoupin County  
Amateur Radio Club  
P.O. Box 253  
Carlinville, IL 62626-

# K9MCE July 2019

Sun

Mon

Tue

Wed

Thu

Fri

Sat

	<b>1</b> <i>Lewis &amp; Clark ARC</i> <i>K9HAM 8 pm 145.23 (79.7)</i> <i>W9VEY Memorial Net</i> <i>@8:30 pm, 146.820</i>	<b>2</b> <i>Old Capital ARC</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	<b>3</b> <i>Club meeting</i> <i>7 pm</i> 	 <b>4</b> <i>SSB NET 144.200 7:30</i> <i>Macoupin County ARES</i> <i>Net, KO0Z net control</i> <i>147.480 MHz simplex @</i> <i>8pm</i> <i>K9MCE Club net, WD9HBF</i> <i>Net Control, 444.250</i> <i>@8:30 pm</i>	<b>5</b>	<b>6</b>
<b>7</b> <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i> <i>N9MAF Net 146.805 @ 9</i> <i>pm</i>	<b>8</b> <i>Lewis &amp; Clark ARC</i> <i>K9HAM 8 pm 145.23 (79.7)</i> <i>W9VEY Memorial Net</i> <i>@8:30 pm, 146.820</i>	<b>9</b> <i>Old Capital ARC</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	<b>10</b>	<b>11</b> <i>SSB NET 144.200</i> <i>7:30</i> <i>Macoupin County ARES</i> <i>Net, KO0Z net control</i> <i>147.480 MHz simplex @</i> <i>8pm</i> <i>K9MCE Club net, WD9HBF</i> <i>Net Control, 444.250</i>	<b>12</b>	<b>13</b> <i>IARU HF World</i> <i>Championship</i>
<b>14</b> <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i> <i>N9MAF Net 146.805 @ 9</i> <i>pm</i> <i>IARU HF World Champion-</i> <i>ship</i>	<b>15</b> <i>Lewis &amp; Clark ARC</i> <i>K9HAM 8 pm 145.23 (79.7)</i> <i>W9VEY Memorial Net</i> <i>@8:30 pm, 146.820</i>	<b>16</b> <i>Old Capital ARC</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	<b>17</b>	<b>18</b> <i>SSB NET 144.200</i> <i>7:30</i> <i>Macoupin County ARES</i> <i>Net, KO0Z net control</i> <i>147.480 MHz simplex @</i> <i>8pm</i> <i>K9MCE Club net, WD9HBF</i> <i>Net Control, 444.250</i>	<b>19</b>	<b>20</b> <i>CQ WW VHF</i> <i>Contest</i>
<b>21</b> <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i> <i>N9MAF Net 146.805 @ 9</i> <i>pm</i> <i>CQ WW VHF Contest</i>	<b>22</b> <i>Lewis &amp; Clark ARC</i> <i>K9HAM 8 pm 145.23 (79.7)</i> <i>W9VEY Memorial Net</i> <i>@8:30 pm, 146.820</i>	<b>23</b> <i>Old Capital ARC</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	<b>24</b>	<b>25</b> <i>SSB NET 144.200</i> <i>7:30</i> <i>Macoupin County ARES</i> <i>Net, KO0Z net control</i> <i>147.480 MHz simplex @</i> <i>8pm</i> <i>K9MCE Club net, WD9HBF</i> <i>Net Control, 444.250</i> <i>@8:30 pm</i>	<b>26</b>	<b>27</b>
<b>28</b> <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i> <i>N9MAF Net 146.805 @ 9</i> <i>pm</i>	<b>29</b> <i>Lewis &amp; Clark ARC</i> <i>K9HAM 8 pm 145.23 (79.7)</i> <i>W9VEY Memorial Net</i> <i>@8:30 pm, 146.820</i>	<b>30</b> <i>Old Capital ARC</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	<b>31</b>			



Macoupin County ARC  
129 East First Street  
PO Box 253  
Carlinville, IL 62626-0253

Webmaster: Isaac  
Pizzo WX9SRV

**We're on the  
web!**  
**www.k9mce.org**



[https://  
www.facebook.com/  
Macoupin-County-  
Amateur-Radio-Club-  
K9MCE-327469225218/](https://www.facebook.com/Macoupin-County-Amateur-Radio-Club-K9MCE-327469225218/)

Local weekly nets:

Sunday: Okaw Valley ARC,  
444.250 @ 9:00 pm  
Sunday: N9MAF Net, 146.805  
@ 9:00 pm.

Monday: Lewis and Clark ARC,  
145.23 @ 8:00 pm  
Monday: W9VEI Memorial  
Net, 146.820 at 8:30 pm

Tuesday: Old Capitol ARC,  
Vandalia 146.745 @ 8:00 pm  
Thursday: SSB, 144.200 @ 7:30  
pm  
Thursday: Macoupin County

## IL NOAA NWS WX

Ward Silver, N0AX makes it a point to program his VHF/UHF FM radios with the seven frequencies nationally assigned to NWS so that when he is on the road he is within the coverage area of a NWS transmitter. These frequencies are 162.400, 162.425, 162.450, 162.475, 162.500, 162.525 and 162.550. Keep in mind that not all NWS transmitters have the same output power. For instance, KD089 out of St. Louis and WXJ75 out of Springfield, IL have 1000 watts; whereas, KXI79 in Hillsboro runs 300 watts. A good URL to see the various NWS stations and their respective output power is

<http://www.nws.noaa.gov/nwr/Maps/PHP/IL.php>

Besides being up to date with the latest NWS information these stations can also serve as good VHF propagation beacons. Listen to the various frequencies and see where and how well the station is coming in to your location.



## Illinois HF Traffic Nets, Times and Frequencies...

**Illinois Side Band Net - Net Manager WB9QPM**

**Daily on 3905 at 1800 local time**

**Illinois Emergency Net - Net Manager K9HEZ & Illinois Phone Net**

**Sunday on 3940 at 0800 local time**

**North Central Phone Net – Net Manager K9HEZ**

**M-F on 3912 at 0700 local time**

**Illinois CW Net (ILN) Net Manager WB8SIM**

**W9NXM reporting**

**Daily on 3838 at 1915 local time**

**Illinois ARES Net**

**First and third Sunday of the month**

**3.905 MHz at 16:30 local.**

**Nets**