



#### 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

#### Inside this issue:

Club meeting and program	1
NWS, WCM Kev- in Deutsch	4
NWS Storm spotting class	5
ISS SSTV	5
WX Spotters Flyer	9
Dry Dog Sled Race	10
Upcoming Ham-fests	11

# K9MCE QSN

Volume 7, Issue 3

March 2019

## K9MCE Club Meeting on Wednesday 6 March



Slow scan television (SSTV) transmission sent from the International Space Station (ISS) passing over North America on Saturday, February 9. The transmissions were sent via 2 meters on 145.800 MHz.

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, March 6th. 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.

This month's program is

"SSTV, please show me!"

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 County Inc., 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.

## Jim N9LQF, HF WAS With FT8

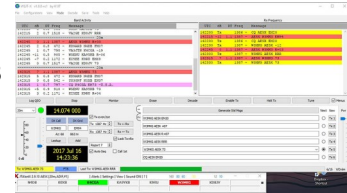
Who'd have thunk it? Mr. Emergency Communications just completed his 50th state QSO on HF using FT8 in early February!

Earlier in February, Jim decided to find out for himself what all the uproar is regarding FT8. Jim discovered that on 80 and 40 meters, he was able to work almost every state and a good number of DX countries simply by looking at his computer screen and clicking on any station

calling, "CQ." It's fair to say that, at first, Jim wasn't too enthused with the impersonalized method of making a FT8 QSO. FT8, once two stations are connected, automatically exchanges call signs, grid squares and signal reports in 15 second data transmissions. After the data is successfully exchanged, the program logs the QSO and awaits for you to choose another station. Or, another station may choose you and then the process begins

again automatically. However, stations around the world can be worked with lower power levels and with modest antennas. Soon, the FT8 bug bit and N9LQF was well on his way logging FT8 QSOs! He almost has DXCC!

Jim even has a Log Book of The World account and he's hoping to apply for his ARRL Worked All States (WAS) award! Congrats Jim!



FT8 on computer screen

## April Meeting Will Have Two Programs!

April club meeting night will have two programs! Club members are encouraged to bring in projects-completed or "works in progress" to our club's annual "Homebrew Night."

There are three major homebrew categories: Antennas, Accessories and Rigs. Accessories can include keyers, keys, paddles, clocks, microphones, etc.

Club president, Mark Lewis KD9EFO hints that there could be prizes awarded for the winner in each category!

If your antenna is too big, bulky or long to bring in, please supply pictures and documentation!

Our other program comes from St. Louis! Tom Dougherty, N0TOD AMSAT ambassador and educator is

making the trek to Carlinville to present his program, "How we will become an interplanetary species." This is a program that no one will want to miss!

So circle the date, April 3rd on your calendars. In the meantime get your soldering irons hot and melt some solder!

*"Club president, Mark Lewis KD9EFO hints that there could be prizes awarded for the winner in each homebrew category!"*

## Your ARRL Central Division Contacts:

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

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

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







## Meet Kevin Deitsch, St. Louis NWS, WCM

Tuesday, February 12 at 7:00 pm, area SKYWARN members and local storm spotters met NWS meteorologist Kevin Deitsch at Lincoln Land Community College-Litchfield for NWS Storm Spotter training.

Kevin moved to the St. Louis area to fill Jim Kramper NOLSX's position as Warning Coordination Meteorologist (WCM).

Kevin's presentation included many useful tips for



Pictured: Kevin on left, Greg Nimo center. Photo by Mark KD9EFO

weather spotters and the importance of having a plan whether at home or on the

road in severe weather events.

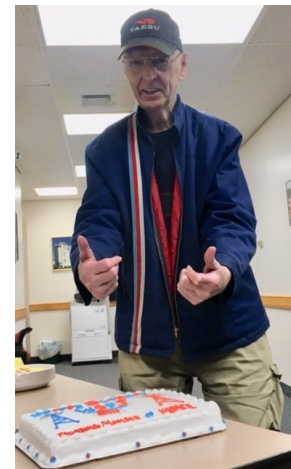
*"Congratulations  
on Bill on  
another  
personal  
milestone"*

## Bill Ogle W9FJ B-day Boy!

At the February club meeting, long-time K9MCE club member, WWII veteran and prior Macoupin County EC was about to celebrate his 96th birthday! Bill's birthday is later on in the month, but after the club meeting.

Mark Kerhlikar WD9HBF arranged for a delicious, surprise birthday cake. Congratulations Bill on another

personal milestone!



## Mark KD9EFO Presented February Program



K9MCE is striving to offer members a monthly lineup of programs. February's program was put on by club president Mark Lewis KD9EFO over "FM Digital Formats." Mark pointed out that there's a lot of digital formats and he explained the pros and cons of the most popular such as D-Star, Fusion and DMR. P25 Starcom was discussed.



## NWS Storm Spotting Class Rescheduled

We have reset the Weather Spotter Training hosted by Macoupin County EMA, Carlinville EMA, Carlinville Police, Carlinville Fire and Blackburn College Division of Safety for April 10th 2019.

The training is open to the public and we encourage all first responders to attend and be aware of the warning signs of severe weather.

NOAA STL will be on site to offer instruction and support for all attending.

This is a rescheduled class that was cancelled due to the Federal Government Shut Down in January.

We look forward to seeing everyone on Wednesday April 10 at 7 PM.

Jim Pitchford

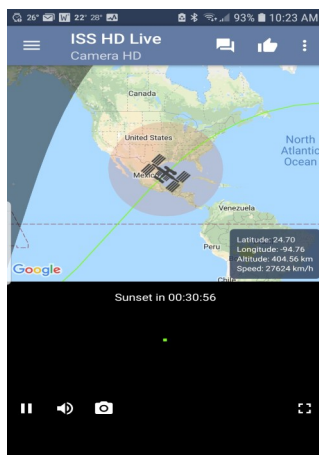
February 12 this class is being offered at Lincoln Land Community College in Litchfield

March 2, the class is being offered at the Lewis and Clark Community College in Godfrey

Become Weather Aware



## ISS Transmitted SSTV

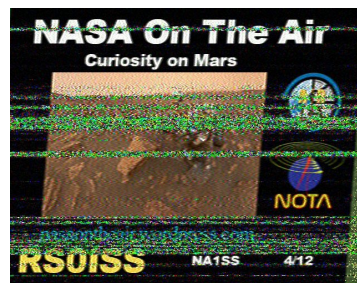


Ron KO0Z read on the ARRL website, to commemorate NASA On The Air, the International Space Station (ISS) transmitted slow scan television pictures (SSTV) over two -meters (145.800) from 1825 Z February 8 to 1830 Z February 10.

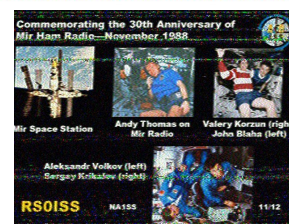
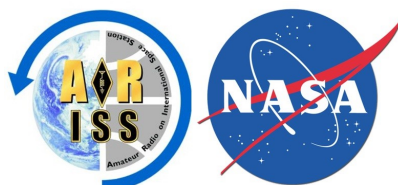
Although KO0Z was actively participating in the CQ WPX RTTY contest that weekend,

he took time out to receive the space station's transmissions, when in radio range, while whizzing by North America at 17, 150 MPH. The streaks appearing in the following images are due to static caused from doppler shift, signal polarization, angle inclination and distance from KO0Z to the ISS.

*"The space station's transmissions, when in radio range, while whizzing by North America at 17, 150 MPH."*

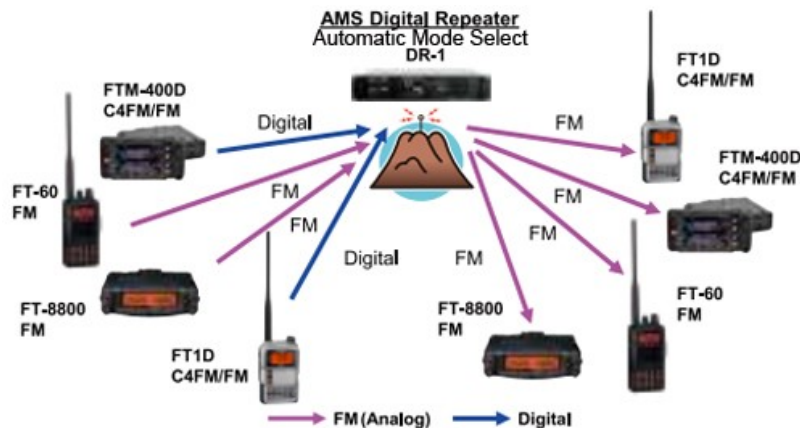


SSTV pictures transmitted by the ISS and received by Ron KO0Z on successful orbital passes over the weekend of Feb 9-10.



## Amateur Digital Communications

Mark Lewis KD9EFO did a great job of providing club members a breakdown of some of the popular digital voice modes available to ham radio operators at the February club meeting. Below are some diagrams of some of them that he covered.



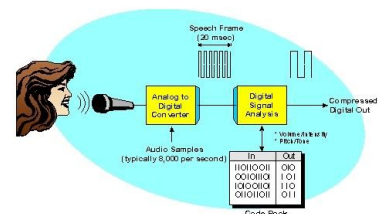
Yaesu's System Fusion model.



Basic diagram of analog to digital voice conversion.

### Digital Speech Compression

- Analyze Voice
- Use Code Book to Identify Human Sounds

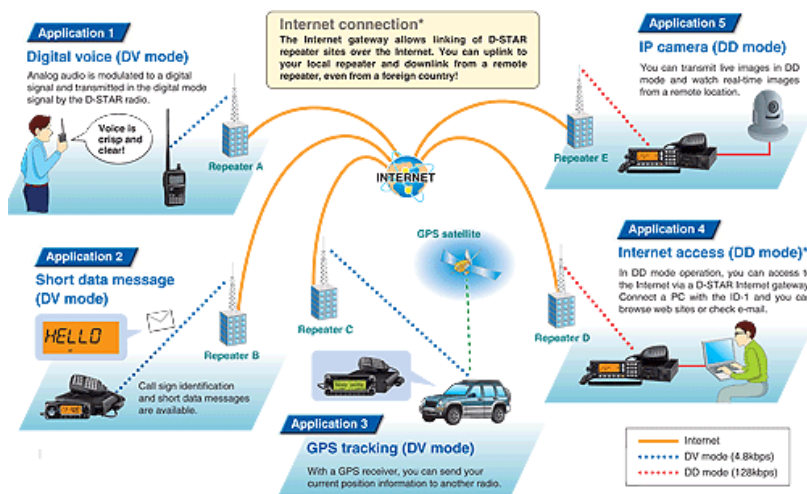


ALTHOS  
The Voice of the Future

Introduction to GSM

© Althos, 2009 page 25

Mark KD9EFO presenting



Icom's D-Star model.

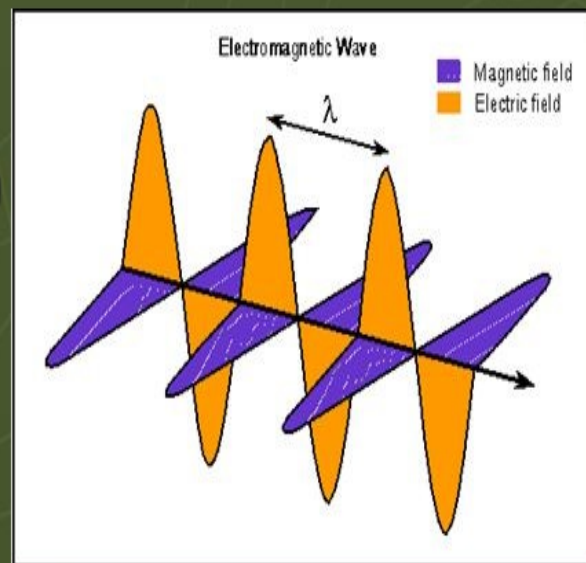
\* Some restrictions may apply depending on specific countries' regulations.



## Typical Modulation Found of Amateur Radio Bands

# Common Transmission Types

- ▶ Analog
  - AM (amplitude modulation)
  - FM (frequency modulation)
  - SSB (single side band)
  - CW (continuous wave)
  - ATV (amateur TV)
  - SSTV (slow scan TV)
- ▶ Digital (commonly tones transmitted over analog - AM, FM, SSB)
  - AMTOR, PACTOR, RTTY
  - PSK31
  - FSK
  - Packet (AX.25)
  - APRS
- ▶ Applications of radio communication
  - Terrestrial
    - ▶ Line-of-site
    - ▶ Atmospheric bounce
  - EME (Earth-Moon-Earth)
  - OSCAR (Satellite)
  - QRP (Low Power)

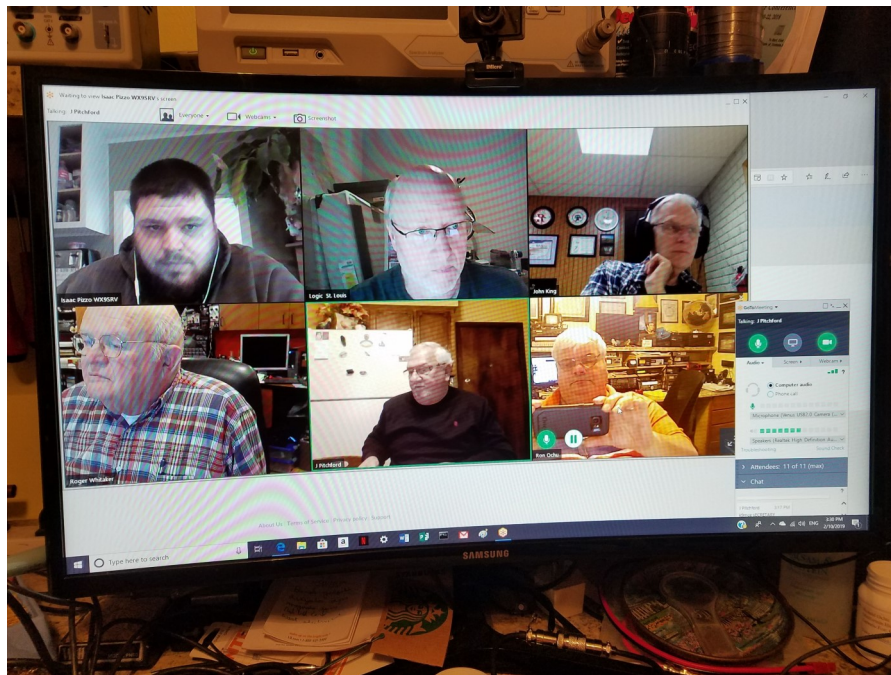


## West Central IL Hamfest Committee Meets

Planning for the Saturday, August 3, 2019 West Central Illinois Hamfest continues. Hamfest committee members planned to meet in Litchfield on Sunday, February 10th, but snow and icy roads put the kibosh on driving to the meeting. Thanks to the ingenuity of hamfest chair Ken Norris KK9N, he was able to setup a video conference for committee members. Members without computer video capability were able to join the conference by telephone.

Tickets, testing, hamfest advertising, admission, food, parking, forums, ARCH Helicopter, flea market and budget were the major topics discussed. Committee chairs were selected and plans set into motion to continue building one of the best summertime hamfests in central Illinois!

The next meeting is scheduled for Sunday March 10 at 3:00 pm in Litchfield at the Chinese restaurant.



Pictured top left: Isaac Pizzo WX9SRV, Ken Norris KK9N, John King W9KXQ. Bottom left: Roger Whitaker, K9LJB, Jim Pitchford N9LQF and Ron Ochu KO0Z

Video conferencing allowed the committee to meet comfortably indoors, while icy, snowy, winter weather prevailed outdoors.



## WX Spotter Handout

This is a NWS handout given at the NWS Storm Spotter Training class held on Tuesday, February 12 at LLCC-Litchfield. Weather spotters are encouraged to keep an eye to the sky and report observations, noted in this handout on the Macoupin/Montgomery/Greene County SKYWARN net on 146.82 and 444.250 repeaters during severe weather events. Please note the NWS-St. Louis phone number 800-852-7497. If for some reason the net isn't up or you are unable to check into the net, please phone this number with your severe weather report.

US National Weather Service  
Saint Louis Missouri

@NWSStLouis

# Spotter Line

## (800) 852-7497

Submit an online report at:  
[inws.ncep.noaa.gov/report](http://inws.ncep.noaa.gov/report)

# Severe Storm Spotter Class 2019

## What to report...

**Any Hail**

Diameter size of largest stones

**Flooding**

Rain measurements...flooded roads etc

**Winds**

Estimated/measured speed and damage

Even just limbs down...we'd like to know

**Tornadoes**

The tornado, funnel cloud, rotating wall cloud, damage resulting from a tornado

## Reporting basic, how to report...

**WHO** are you? Spotter? Law enforcement?

**WHAT** occurred? Hail? Wind damage? Tornado?

**WHEN** and **WHERE** did it occur? Time and location.

Use proper terms (wall cloud, funnel cloud, etc.)

Be as specific as you can. Tell us how confident you are.

Locations = address, intersection or LAT/LON coordinates.

**DO NOT EXAGGERATE!** Follow up, if necessary.

## Resources-

National Weather Service, St. Louis – [weather.gov/lx](http://weather.gov/lx)

Storm Prediction Center – [spc.noaa.gov](http://spc.noaa.gov)

COMET MetED, Educational Resources – [meted.ucar.edu/index.php](http://meted.ucar.edu/index.php)

National Weather Service Storm Safety Information – [weather.gov/safety](http://weather.gov/safety)

## Dryland Dog Race To Be Held in Taylorville

Mark Kerhlikar WD9HBF needs you to volunteer! Southfork Dryland Dog Sled Race will be held over the weekend of March 23-24 and Mark needs ham radio ops to provide communications for the event! If you have an HT and you like dogs and people, this is an event for you! There will be two courses for the dry land dog racers: A three-mile and a less than three mile course.

This year the sled event will be held near Taylorville. Last year the event took place at the BSA scout ranch south of Pana. Last year the sledders and their dogs were fast! This is a fun event and the second time it's been held in Illinois. Sled teams come from far away as Alaska and New England to participate in these events! Here's another opportunity for ham radio operators to provide public service communications and to showcase the Amateur Radio Service! According to Mark, last year's participants were deeply impressed with ham radio. So much so, that they've requested us again.

WD9HBF needs ten hams to provide communications for both days. A four-wheeler can transport you from the parking lot to your location. Food will be provided. Even if you can only spare one-day, please, please contact Mark WD9HBF at 217-899-8906 or by email mkerhlikar@gmail.com.

Let's hope for nice weather, but March can be dicey. Dress warmly, bring rain gear, extra batteries and a thermos of hot coffee!

### SOUTHFORK DRYLAND DOG RACE SPRING 2019

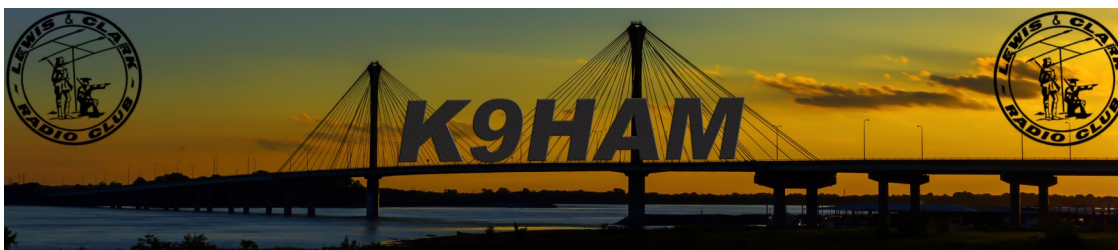
HERE IS AN OVERVIEW OF THE SURROUNDING AREA:

DO NOT ENTER THE SOUTH FORK DIRT RIDERS ENTRANCE, THIS IS NOT THE RACE SITE.

THE INTERSECTION TO TURN SOUTH AT IS IN THE ORANGE BOX: <https://goo.gl/maps/cvmFC4VkJML2>







## **LEWIS & CLARK RADIO CLUB 2019 HAMFEST SATURDAY March 23, 2019 – 7:00–12:00**

New and Improved Location:

LEWIS & CLARK COMMUNITY COLLEGE  
GODFREY, ILLINOIS

In "The Commons" (between the Math and Science Buildings)

Map: <http://bit.ly/2IBpDTTLCRCHamfest>

Admission Tickets

Advance Ticket Sales: \$4.00 each or 3/\$10.00

Event Day Door Ticket Sales: \$5.00 each

LARGE INDOOR FACILITIES COMMERCIAL VENDORS

FLEA MARKET TABLES \$12.00 EACH

Early vendor access Friday 6-9PM and Saturday 5:30AM

Hamfest Prize Drawings

1st Prize: \$ 150

2nd Prize: \$ 100

3rd Prize: \$ 50

COMMERCIAL VENDORS

FREE PARKING

DOOR PRIZES

HANDICAPPED ACCESSIBLE FACILITY

FOOD & REFRESHMENTS

LICENSE EXAMS : ALL CLASSES, ARRL FORMAT

PRE-REGISTRATION REQUIRED FOR TECHNICIAN EXAMS

CONTACT DENNIS HUTCHINS (WA9RD) at [wa9rd@charter.net](mailto:wa9rd@charter.net)

Lewis & Clark Community College is located approximately

25 miles north of downtown St. Louis on U.S. Route 67,

just north of Alton, Illinois.

Area Map

Driving Directions

Once you are on campus just look for the signs directing you to the

Lewis & Clark Radio Club Hamfest.

TALK-IN WILL BE ON K9HAM REPEATER 145.230(-) PL 79.7





## LCRC Hamfest Raffle

Win an ICOM IC-7300

Tickets \$5.00 each

THE LEWIS AND CLARK RADIO CLUB IS OFFERING YOU A CHANCE TO OWN ONE OF THE HOTTEST HF RIGS ON THE AIR TODAY –

ICOM'S IC-7300

HF+50MHz (SSB/CW/RTTY/AM/FM) 100 W

TICKET PRICE IS \$5.00 PER TICKET

ONLY 400 TICKETS TO BE SOLD!

DRAWING WILL BE WHEN LAST TICKET IS SOLD

WINNER DOES NOT NEED TO BE PRESENT TO WIN

WINNER IS RESPONSIBLE FOR ANY SHIPPING EXPENSES IF REQUIRED

Additional information is available by email [K9HAM@K9HAM.ORG](mailto:K9HAM@K9HAM.ORG)

Tickets available via mail by sending a SASE with payment to:

Lewis & Clark Radio Club

P.O. Box 553

Godfrey, IL 62035

All requests must be postmarked no later than March 9, 2019

# 9th Annual April Fools' Fest 2019

Ham Radio Flea Market and Convention

Saturday April 6, 2019

West Richland Center  
IL-250 East, Noble, IL

Admission \$4  
12-under Free

8am-Noon

Yaesu FTM-100dr Grand Prize ■ Tailgating ■ Hourly Prizes ■  
Onsite Food Vendor ■ Indoor Table Space (\$5 ea.) ■ VE Testing

## Directions:

**From Flora**, take US Highway 50 East 12 miles to IL Highway 250. Turn Northeast on IL 250 and follow this highway through Noble. The hamfest will be on your left on the east edge of Noble.

**From Olney**, take IL Highway 250 west 8 miles to Noble. The hamfest will be on your right as you come in to Noble.



Grand prize  
FTM 100 DR



2nd prize FT 70DR

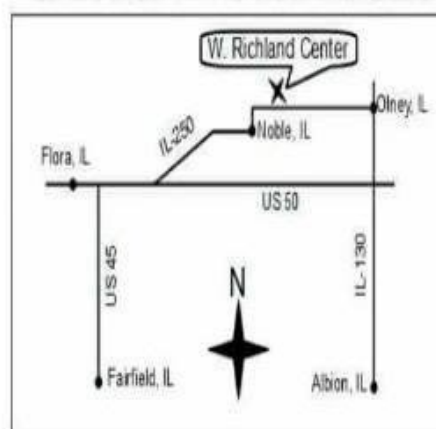


Free Onsite  
Laurel VEC Testing

Anyone that passes their tech  
during our Free Testing the day  
of the Hamfest will be entered  
to win a Yaesu FT-4XR HT!!!



Talk-In: 146.760- PL 94.8 (Noble 2m Repeater)



ClayCountyRadio@gmail.com ClayCountyRadio.webs.com  
Facebook.com/AprilFoolsFest



## **EGYPTIAN FEST 2019**

### **HAMFEST/CONVENTION**

**06/09/2019**

**Start Date: 06/09/2019**

**End Date: 06/09/2019**

**Location: Holy Family Church Community Center**

**2600 Washington Avenue**

**Granite City, IL 62040**

**Website: <http://www.w9aiu.org/index.php>**

**Sponsor: Egyptian Radio Club**

**Type: ARRL Hamfest**

**Talk-In: 146.76 (PL 141.3), 146.79 (PL 127.3)**

**Public Contact: Jason Cato , KB9LBC**

**2334 Maynor Drive Cahokia, IL 62206**

**Phone: 631-829-9185**



# WEST CENTRAL ILLINOIS HAMFEST

**SATURDAY, AUGUST 3 2019**

**7 A.M to Noon**



Macoupin County Fairgrounds

21149 IL RTE 4, Carlinville, IL

TALK-IN 444.250 (103.5 CTCSS)

Centrally located between Springfield, IL and St. Louis,

- ◇ Family friendly, bring the kids!
- ◇ Breakfast and lunch offered
- ◇ Basic test bench to test rigs
- ◇ ARRL VE Exams
- ◇ Admission \$5 per person, Outdoor tailgating \$10, Indoors \$15.00
- ARCH ambulance helicopter display
- Forums the entire day
- Outdoor and indoor flea market
- Fabulous attendance prizes

**Mark the date and make plans now to attend a growing, dynamic, fun hamfest!**



Like us on facebook: <https://www.facebook.com/hamfestfun/>

**Contact: Jim Pitchford**  
N9LQF  
217-248-3548  
N9LQF@arrl.net

Sponsored by Macoupin County ARC, Montgomery County ARC,  
Okaw Valley ARC and Sangamon Valley Radio Club





**Dave 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 March 2019

Sun

Mon

Tue

Wed

Thu

Fri

Sat

					1	2 <i>ARRL SSB DX Contest</i>
3 <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i>  <i>K9MAF Net 146.805 @ 9 pm</i>  <i>ARRL SSB DX Contest</i>	4 <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>	5 <i>Old Capital ARC,</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	6 <i>Club meeting</i> <i>7 pm</i> 	7 <i>Macoupin County ARES</i> <i>Net, KO0Z net control</i> <i>147.480 MHz simplex @ 8pm</i>  <i>K9MCE Club net, WD9HBF</i> <i>Net Control, 444.250 @8:30 pm</i>	8	9
10 <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i>  <i>K9MAF Net 146.805 @ 9 pm</i>	11 <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>	12 <i>Old Capital ARC,</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	13	14 <i>Macoupin County</i> <i>ARES Net, KO0Z net control</i> <i>147.480 MHz simplex @ 8pm</i>  <i>K9MCE Club net, WD9HBF</i> <i>Net Control, 444.250 @8:30 pm</i>	15	16
17 <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i>  <i>K9MAF Net 14 pm</i> 	18 <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>	19 <i>Old Capital ARC,</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	20	21 <i>Macoupin County</i> <i>ARES Net, KO0Z net control</i> <i>147.480 MHz simplex @ 8pm</i>  <i>K9MCE Club net, WD9HBF</i> <i>Net Control, 444.250 @8:30 pm</i>	22	23 <i>Lewis and Clark</i> <i>ARC Hamfest, Godfrey, IL</i>  <i>Dry Dog Sled Race</i>
24 <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i>  <i>K9MAF Net 146.805 @ 9 pm</i>  <i>Dry Dog Sled Race</i>	25 <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>	26 <i>Old Capital ARC,</i> <i>Vandalia, 146.745, 88.5 pl,</i> <i>8:00 pm</i>	27	28 <i>Macoupin County</i> <i>ARES Net, KO0Z net control</i> <i>147.480 MHz simplex @ 8pm</i>  <i>K9MCE Club net, WD9HBF</i> <i>Net Control, 444.250 @8:30 pm</i>	29	30 <i>CQ WW SSB WPX</i> <i>Contest</i>
31 <i>Okaw Valley ARC</i> <i>Net@9:00 pm, 444.250</i>  <i>K9MAF Net 146.805 @ 9 pm</i>  <i>CQ WW SSB WPX Contest</i>						





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

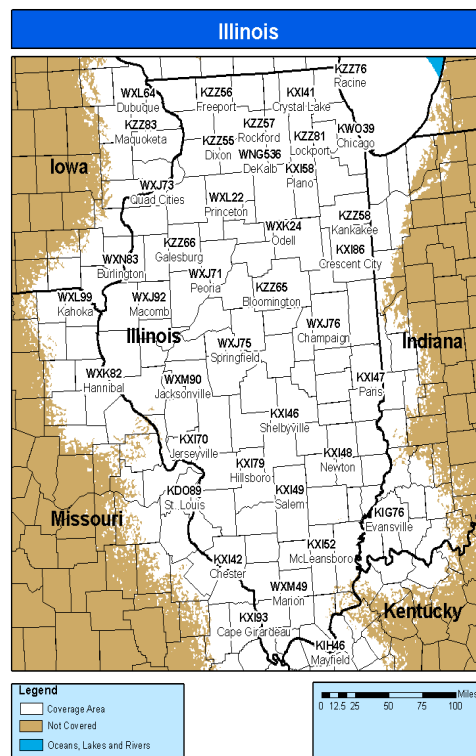
Tuesday: Old Capitol ARC,  
Vandalia 146.745 @ 8:00 pm  
Thursday: SSB, 144.200 @ 7:30  
pm  
Thursday: Macoupin County

## 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**