

PODUNK HOLLOW NEWS

The Official Newsletter of the Egyptian Radio Club, Inc.

May 2017

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(N9OQK)

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(WA0JCO)

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(N9PPJ)

PIO:

Bill Coby
(KB0MWG)

Newsletter Editor:

Jason Cato
(KB9LBC)

Our website is;

www.w9aiu.org

Our Facebook Page is;

<https://www.facebook.com/W9AIU>

Our Facebook Group is ;

<https://www.facebook.com/groups/765454553468182/>

Our repeaters are:

146.760 – PL 141.3 in downtown
St. Louis, MO with an EchoLink
Node #541608

Coming Soon 70cm + PL 141.3 in
downtown St. Louis, MO FUSION
CAPABLE

146.790 – PL 127.3 in Edwardsville,
IL

224.060 – No PL in Edwardsville, IL
442.400 + PL 127.3 in Edwardsville,
IL

**Search for Special Events
Stations.**

Dayton Hamvention Update - Friday

05/19/2017

Ham traffic jams were the order of the day as the 2017 Hamvention opened at Greene County Fairgrounds and Expo Center in Xenia, Ohio this morning. Convention-goers eager to experience Hamvention's new venue waited in traffic for up to 2 hours.

The weather on Friday was slightly overcast and humid, with an occasional breeze as Hamvention attendees perused exhibits in several large halls named after such notables as Hertz, Tesla, and even ARRL's Hiram Percy Maxim.

The four forum halls were active all day, with ARRL's "Ham Radio Makers and Hackers" forum drawing a capacity crowd. One of that forum's presenters, Glen Popiel, KW5GP, was heartened when, upon asking forum attendees how many of them had tinkered with microcontrollers, nearly all of them raised their hands.

Other Friday forum topics included SHARES, MARS, best practices for operators, foxhunting, antennas, and more. This year, DARA has provided comment forms for forum attendees to complete at the close of each forum.

In addition to the exhibit halls, there were several large tents of exhibitors, which featured clubs, equipment distributors, and organizations related to ham radio. The tents offered a casual atmosphere.

The famous Hamvention flea market was alive and well out on the fairgrounds, with convention-goers going from table to table searching for bargains.

At lunchtime, attendees lined up at the numerous food trucks on the fairground, which offered french fries, pork chops, chicken wings, pulled pork, Italian sausage, steak sandwiches, and more. People ate at picnic tables and bleacher seating dotted around the fairgrounds.

The ARRL booth hosted ARRL authors Joel Hallas, W1ZR; Glen Popiel, KW5GP, and Ward Silver, N0AX, for book signings.

Visitors to the ARRL booth met with ARRL board members and

Headquarters staff, and stocked up on books and Field Day gear.

In the early part of the day, the crowds of attendees made it tricky to navigate the aisles. By 3 p.m., it was noticeably easier to move through the buildings and grounds. Rain started around 4, and was at times very hard. By 5 p.m. many attendees had cleared out to enjoy Friday night events and relaxation.

ARRL staff posted several videos to the League's social media feeds over the course of the day, to offer a sense of the convention to those who were unable to attend.—Becky Schoenfeld, W1BXY, QST Managing Editor

Dayton Hamvention Update - Saturday

05/20/2017

The traffic issues that plagued the first morning of the 2017 Hamvention were nowhere to be seen on Saturday morning, as attendees reported an easy ride to the Greene County Fairgrounds and Expo Center for the second day of Hamvention.

The ARRL EXPO booth was busy as soon as the show opened at 9 AM, with convention-goers streaming in from the overcast, cool outdoors to peruse the various offerings.

Heavy rain started at around 11:15, accompanied by thunder and lightning. By this time the forums were well underway, and the exhibits were packed. Heavy rain lasted for about 20 minutes and then let up, leaving Hamvention attendees with a cool, overcast afternoon. The fact that there was no traffic on the way in in the morning was no indication of how busy the show was that day!

Visitors to the ARRL Collegiate Amateur Radio Initiative (CARI) booth had two chances to win free ARRL gear: either fill out an entry form for one of the thrice-daily prize drawings, or find all the items and information on the list of Hamvention scavenger hunt items compiled by the booth's coordinators.

CARI also ran a forum on Saturday afternoon that engendered a lively dialogue among the attendees about matters specific to college Amateur Radio clubs. "We had a lot of material," said moderator Andy Milluzzi, KK4LWR. "We could have gone on for 2 hours."

The HamSCI (Ham Radio Science Citizen Investigation) forum, moderated by Ward Silver, N0AX, was well attended. Presenters Nathaniel Frissell, W2NAF; Carl Luetzelschwab, K9LA; Phil Erickson W1PJE; Magda Moses, KM4EGE, and Bill Liles, NQ6Z, discussed topics ranging from propagation to the upcoming total solar eclipse in August. "There is science in this," Phil Ericson told the crowd. "You are all capable of doing this."

Carole Perry's, WB2MGP, Youth Forum, ran for the entire morning, drawing a large crowd to hear from some of ham radio's best young minds, including Lucas Schroeder, W6LDS; Carissa Ferguson, KJ4EZA; Dakota Krzysik, KE8CVK; Grace Lea, KM4TXT; Jerome Dinakar, KE0BBQ; Evan Markowitz, KD2IZW; Ruth Willet, KM4LAO; Chris Brault, KD8YVJ, and Dhruv Rebba, KC9ZJX.

The ARRL Member Forum drew over 100 attendees. The moderator, ARRL Great Lakes Division Director Dale Williams, WA8EFK, introduced ARRL CEO Tom Gallagher, who encouraged attendees to "pick up a brick" and build something -- mentor a young person, become a VE, contribute to Amateur Radio in a meaningful way. Williams then introduced ARRL President Rick Roderick, K5UR, the keynote speaker, who offered members more information about the revamping of ARRL's Official Observer program. "We seized on this opportunity that [FCC Special Counsel] Laura Smith gave us," Roderick said, referring to the closing of several FCC field offices. "We will be retraining OOs. Instead of focusing on individual offenses by hams, we will focus on patterns of offenses, things that happen routinely. Once we observe and establish a pattern of offenses, then the FCC may become involved."

Roderick also talked about the possibility of changes being made to entry-level licensing, saying that a new or revised entry-level license would not be "dumbed down," rather it would be redirected toward privileges that the "new generation" of hams actually want.

Roderick elaborated on the subject of bringing younger people into Amateur Radio, challenging forum attendees to approach potential new hams with activities and information that they will find interesting.

Roderick then introduced ARRL International Affairs Vice President Jay Bellows, K0QB, who discussed preparations for WRC-19. Bellows

introduced ARRL Hudson Division Director Mike Lisenco, N2YBB, who provided a general update on the Amateur Radio Parity Act, HR 555, saying the legislation is "still alive" in Congress.

The afternoon brought the ARRL Public Service Communications Panel Discussion. ARRL Emergency Preparedness Manager Mike Corey, KI1U, moderated a panel that included Ross Merlin, WA2WDT, Department of Homeland Security SHARed RESources (SHARES); Rob Macedo, KD1CY, VOIP WX Net and VOIP Hurricane Net; David Stapchuk, US Air Force MARS; Paul English, WD8DBY, US Army MARS; Bill Feist, WB8BZH, SATERN.

As was the case on Friday, the exhibit halls seemed to empty out by mid-afternoon, with a great deal of activity remaining, but not at the level of the morning crowds. Onward to Sunday! – Becky Schoenfeld, W1BXY, QST Managing Editor

Dayton Hamvention Update - Sunday

05/21/2017

Sunday, the third and final day of the 2017 Hamvention, was overcast and cool, with an easy ride into the fairgrounds.

As is often the case on the final day, the crowd was smaller. It was clear that the people who were there, were happy to be there.

One of the things that pleased attendees was Hamvention food. Over the course of the weekend, many Hamvention attendees commented on the variety of food choices that had been available, from "walking tacos" and corn dogs, to pork chop sandwiches and local sausage.

The Sunday forums included a talk about Receiving Antennas, by Eric Nichols, KL7AJ, who outlined the different types of antennas and how they function. Nichols is the author of the ARRL books "Radio Science for the Radio Amateur" and "Propagation and Radio Science."

Tommy Gober's, N5DUX, forum entitled "Learning, Discovery, and Fun," touched upon microcontrollers, APRS, and programming Boe-Bots. Gober is an instructor for ARRL's Teachers Institute on Wireless Technology.

ARRL Radiosport Manager Norm Fusaro, W3IZ, and ARRL Media & PR Manager Sean Kutzko, KX9X, moderated the National Parks on the Air

(NPOTA) Recap forum for a group of about 50 enthusiastic and responsive hams. Kutzko began by sharing statistics about the event, then took a mic into the crowd so attendees could tell their NPOTA stories, as well as offer suggestions for further improvement.

At the Tower Safety forum, ROHN Tower Vice President Mark Allen, W6PC, showed slides with photos of various types of tower damage -- the towers themselves, guy wire fatigue, rotator damage, poor do-it-yourself repair jobs. Allen also offered tips for what to do to be as safe as possible before you even leave the ground to climb a tower.

ARRL's social media offerings from Hamvention Sunday included a Facebook Live broadcast of an SO-50 satellite pass at AMSAT's demonstration booth. John Brier, KG4AKV, worked into the satellite using an Arrow antenna, while Paul Stoetzer, N8HM, used a modified Arrow known as an "Alaskan Arrow," which includes additional elements on 2 meters and 70 centimeters. Satellite operating guru John Papay, K8YSE, was on hand for the pass as well. At one point, much to everyone's amusement, Brier and Stoetzer contacted each other through the satellite, while standing about 20 feet from each other.

After the satellite pass had ended, ARRL's Facebook Live coverage continued, with ARRL Media & PR Manager Sean Kutzko, KX9X, conducting a live interview with Stoetzer, about how a satellite pass works, and what a ham needs in order to work through the satellites. Video is available on ARRL's Facebook page.

Products making their debut at the 2017 Hamvention included the FLEX-6400/6400M and FLEX-6600/6600M from FlexRadio Systems; the KPA1500 1,500 W amplifier from Elecraft; the IC-7610 HF/50 MHz transceiver from Icom; a line of microphones from INRAD, and new antennas from MFJ, Momobeam, and SteppIR. (Watch for the Hamvention new product roundup in the August issue of QST.)

By 1:00 PM, the 2017 Hamvention was history. Thanks to the Dayton Amateur Radio Association (DARA) for all the hard work they put in to make the show a success. See you in 2018! – *Becky Schoenfeld, W1BXY, QST Managing Editor*



EGYPTIANFEST 2017

Sunday June 11

7am to Noon



“Best Little Hamfest in the Midwest”

HOLY FAMILY CATHOLIC CHURCH

2600 Washington Ave. Granite City, Il 62040

TALK-IN 146.760 TALK-IN 146.790

MANY VENDORS LOTS OF FUN AND FELLOWSHIP

1st Prize \$300 2nd Prize \$200 3rd Prize \$100

Featured Vendors

Jim’s Engraving whose products have been seen on Last Man Standing, Ham Nation and more.

D & L Antenna Dit and Dash Dennis “The Baofeng guy” Silver Needle Embroidery
And more



FOOD

Breakfast or lunch anytime
Sausage sandwiches, Ham& Eggs,
Biscuits and Gravy ,
Huge **Homemade COOKIES**
Burgers, Knockwurst, Weisswurst,
Frankfurter, and a limited number of
Choice grade **Ribeye Steaks**
Dennis K9MO will be running
the kitchen.
Tailgate area delivery available



ARRL VE

TESTING

BEGINS

AT 9 am



TICKET INFORMATION

Admission: Advance \$5 at the Door \$7

Additional raffle tickets \$1 or 6 for \$5

Indoor tables \$10 tailgating \$5.00

Contact information:

Website W9AIU.ORG

Email hamfest@w9aiu.net

Online ticket & table reservations can be done at:

<http://w9aiu.org/index.php/hamfest-2017>

Click on the Buy your tickets link

EGYPTIAN RADIO CLUB



EGYPTIANFEST FOOD MENU

BY KM9O

JUNE 11, 2017

HOLY FAMILY COMMUNITY CENTER

BREAKFAST & LUNCH SERVED ANYTIME

**** MENU ITEMS ****



SAUSAGE SANDWICHES:

ADD EGG, CHEESE BACON

HAM & EGGS

BISCUITS & GRAVY

BURGERS:

ADD LETTUCE, TOMATO, ONION, GRILLED ONIONS, GRILLED JALAPENO, CHEESE, PICKLE, RELISH

KNOCKWURST, WEISSWURST, FRANKFURTER:

ADD KRAUT, ONION, BACON

CONDIMENTS AVAILABLE: KETCHUP, MUSTARD, MAYO & BBQ SAUCE

SPECIALITY ITEMS SUCH AS THE AUSTRIAN, THE MONTREAL AND A LIMITED NUMBER OF CHOICE GRADE RIB EYE STEAKS

INDOOR AND TAILGATE DELIVERY



2017 ST. LOUIS METRO ARES/RACES EVENT CALENDAR



CHECK THE WEBSITE FOR THE MOST UP-TO-DATE INFORMATION! WWW.STLARES.ORG

FEBRUARY

- 6th – Planning Committee Meeting
- 13th – Regular Monthly Meeting
- 18th – Multi-Faceted ARES Exercise

MARCH

- 4th – Intro. to Emergency Comm Class #1
- 11th – Intro. to Emergency Comm Class #2
- 13th – Regular Monthly Meeting
- 18th – Intro. to Emergency Comm Class #3
- 25th – Intro. to Emergency Comm Class #4 & Field Exam

APRIL

- 3rd – Planning Committee Meeting
- 10th – Regular Monthly Meeting
- 29th – 4 Zone Simplex Exercise

MAY

- 5th – Effective & Efficient Communicating Class
- 6th – Basic/Advanced Winlink Express Class
- 8th – Regular Monthly Meeting

JUNE

- 3rd – Tour de Cure, Alton, IL*
- 5th – Planning Committee Meeting
- 12th – Regular Monthly Meeting

- 24th & 25th – Field Day (overnight) @ Jefferson Barracks Park

JULY

- 10th – Regular Monthly Meeting

AUGUST

- 5th – Lupus Bike Ride, Eureka, MO*
- 7th – Planning Committee Meeting
- 12th – Net Control Operator Boot Camp
- 14th – Regular Monthly Meeting

SEPTEMBER

- 9th & 10th – MS Bike Ride, Godfrey, IL*
- 11th – Regular Monthly Meeting

OCTOBER

- 2nd – Planning Committee Meeting
- 7th & 8th – Simulated Emergency Test
- 9th – Regular Monthly Meeting

NOVEMBER

- 13th – Regular Monthly Meeting

DECEMBER

- 4th – Planning Committee Meeting
- 11th – Regular Monthly Meeting

All meetings, exercises and classroom training sessions are open to everyone. Classroom training sessions require registration. Check STLARES.ORG website for info.

**Public Service Events, may require additional training / registration outside of St. Louis Metro ARES/RACES*

DISTORTION IN AMATEUR RADIO VOICE TRANSMITTERS

Last summer at Field Day, it was observed that the phone station was having a terrible time making contacts. A quick look at the rig revealed that the ALC meter was pegging on the high end of the scale. This is not good.

The ALC is the automatic limiter control that is supposed to limit or at least reduce overdrive of the transmit radio frequency amplifiers. In a single sideband transmitter, audio from the microphone is amplified and applied to a balanced modulator along with a carrier signal that is generated by an oscillator. That produces a double sideband signal which includes the sum of the audio frequency and the difference of the audio frequency and the carrier frequency. In the balanced modulator, the carrier frequency is removed to a low level. The unwanted sideband is then removed by passing the signal through a sharp crystal filter. The result is a radio frequency signal that is either the sum or difference frequency between the audio frequency and the carrier oscillator frequency determined by the pass band of the filter. Note that there is no signal when the audio voltage is at zero and the signal is maximum at the maximum audio voltage. The audio voltage must not be set to exceed the capability of the balanced modulator or the amplifiers that follow it. If this occurs, then the output signal is not a faithful reproduction of the audio wave. This is known as distortion. When this becomes severe, the audio becomes unintelligible to a receiver. A little Donald Duck is okay, severe distortion is bad. Severe distortion also generates extra signals called splatter. These signals are basically harmonics of the audio frequencies and go up and down the band and trash the band for other users. The FCC frowns quite a lot on such signals!!

Correct adjustment of the microphone gain control is the answer to the distortion problem. Most current transceivers have ALC meters or indicators that are about half the full scale on meter. Adjustment of the gain is done by advancing the gain control until the ALC kicks up about half the ALC range on the meter on the loudest speech. It is normal during easy speech that the ALC may not move at all. This setting should provide most of the available power output without problems.

It was also observed that the operator became frustrated when trying to get someone to answer him with the mic gain all the way up. The usual human response then took over and the operator really bore down on the microphone and talked louder and closer to his mouth. This made the problem much worse. Please watch the ALC meter during use or at least during setup of the rig for your use.

Good luck next Field Day and 73. WA0LIS



..... ILLINOIS SECTION NEWS

1. Jim Pepper W9PX appointed IL State RACES Officer

2. Double duties
3. Shamrock Shuffle
4. Fort Massac Encampment Special Events Station
5. SEOC Visit (State Emergency Operating Center)
6. The Illinois Field Organization
7. Personal Recognition " Chuck Towner AE9CT
8. IEEE EMC Meeting at Batavia/FermiLab
9. Hamfests
10. Invitations

1. Jim Pepper, W9PX appointed IL State RACES Officer

Jim Pepper, W9PX was recently appointed as the new Illinois State RACES Officer and AUXCOMM Coordinator by IEMA Director James Joseph. Jim sent the following biography as an introduction. (edited by the SM).

Jim is a native of Sterling, and currently lives midway between Sterling and Dixon in rural northwest Illinois. After working as a Chemist out of college, Jim went to work in the two-way radio industry in 1981. In 1988, he started with the Illinois State Police Communications Bureau, where he currently serves as the Radio Network Manager for the northern third of Illinois. In this position, he is the de facto COML for the Illinois State Police. He holds both General Radiotelephone and Second Class Radiotelegraph licenses, as well as APCO and NABER certifications. He was part of the original Starcom design team, when it began as simply a replacement for the State Police Low Band radio system. He is a state-recognized COML and COML Instructor, as well as AUXCOMM Instructor, and earned his Illinois Professional Emergency Manager (IPEM) recognition in 2012. Jim has served in the following capacities: Sterling Unit District 5 School Board Member, paid-on-call firefighter/paramedic for the Rock Falls Fire Department, adjunct faculty in the Electronics Dept. at Sauk Valley Community College, Division Commander in the US Coast Guard Auxiliary, and District Chairman and Council Board Member with the Boy Scouts of America.

Jim started his ham radio background in 1976 as a member of the Sterling High School Radio Club. He was first licensed as a technician, and upgraded to Extra within a few months. Jim was issued callsign W9PX in January of 1978. He has been active for many years in CW, fox hunting, field ops, and Civil Defense comms. More recently, he dabbled in SSB, PSK31, and learning CAP and MARS procedures. He very much enjoys design and construction work, especially with PIC processors. Jim is a longtime member of the ARRL, and an OES.

(Jim continues to be an asset to the Ham Radio community and will provide insight and leadership between the various governmental agencies).

2. Double duties within the Section

I want to thank all of the Illinois Section Cabinet for accepting their new appointments. Several are still doing double duty which is appreciated. We will be working to find additional hams to help fill these positions and reduce the burden to a single position. Although I

do post some of the appointments to the State-wide reflector, most are of a local nature and only appear on FaceBook. The Illinois Section has 102 counties with numerous Emergency Coordinator vacancies that need our representation. If your county is not currently active, the DEC can provide some assistance in getting a group started.

3. Shamrock Shuffle and the Chicago Marathon

Rob Orr reports that 25 ham radio operators from around the Chicagoland area provided radio support to the Bank of America's Shamrock Shuffle, held April 2. This is the baby brother event to the Chicago Marathon, where he has more than 140 ham radio operators working to support the volunteer medical teams in the field. For the Shamrock, there are only two aid stations, so the demand for radio communication specialists is much lower. Still, this event gives us an opportunity to try new people in net control and field positions. Rob will be seeking volunteers for the Marathon in June, so if you would like to be on his mailing list, contact Rob Orr, K9RST, (rob@roborrproductions.com) (Your Section Manager and Section Emergency Coordinator have been working Aid Station 10 at the Marathon for several years. This proves our ability to setup quickly in various difficult conditions, Join us.)

4. Fort Massac Encampment Special Events Station

Charlie Richey (K9DUE) announced that the Metropolis hams along with the Illinois ARES hams are planning a Fort Massac Encampment Special Events Station during the festival October 20th, 21st, and 22nd. ARRL will be represented by the Section Manager and other cabinet members. This event will have an operational radio station and will ask the FCC for a special call for the event. Special QSL cards will be sent out to those who request them. The purpose will be to help celebrate the occasion by raising awareness of the history of Southern Illinois as well as the Amateur Radio Emergency Service. Charlie also invited PARA (Paduach Amateur Radio Club) members to join in with them. Additional info available from Charlie by calling (270) 816-5551 or email k9due@k9due.net.

5. SEOC Visit (State Emergency Operating Center)

Fritz Bock WD9FMB IL/SEC and Ron Morgan AD9I IL/SM were invited to the State Emergency Operation Center on April 5th by Jim Pitchford, N9LQF, and Roger Whitaker K9LJB to join them at the monthly SEOC briefing. The site was packed with members of the SEOC staff which in itself was impressive. The facility, called the horseshoe, has served agencies and governmental bodies represented that would be needed in the case of a State emergency. Located in Springfield Illinois just off I-55, this is one impressive facility with the capability to handle any Statewide emergency. This was also our first opportunity to meet Jim Pepper, W9PX and to see his seat at the table. Jim is our RACES team champion and will be providing future guidance.

Following the briefing Fritz and I paid a visit to the NC9IL Springfield RACES station at the IEMA Rodger Street facility with Jim Pepper, Walt Lewis and our Springfield hosts. Thank you for the invitation and the time spent with this new Section Manager, it was appreciated.

6. The Illinois Field Organization - The EC Position

One of our members asked that we use this forum to describe some of the cabinet positions which I thought was a good use of space.

What is the role of an EC (Emergency Coordinator)? (abbreviated from the ARRL Website)

The ARRL Emergency Coordinator is a key team player in ARES on the local emergency scene. Working with the SEC, the DEC and Official Emergency Stations, the EC prepares for, and engages in management of communications needs in disasters.

Requirements:

Technician class license or higher; Full ARRL membership

Responsibilities:

Promotes the Amateur Radio Emergency Service (ARES) for the benefit of the public.

Manage and coordinate the training, organization and emergency participation of interested amateurs.

Establish viable working relationships with federal, state, county, city governmental and private agencies.

Develop detailed local operational plans with "served" agency officials in your jurisdiction.

Establish local communications networks run on a regular basis and periodically conduct realistic drills.

Establish an emergency traffic plan, utilizing the National Traffic System as one active component.

In times of disaster, evaluate the communications needs of the jurisdiction and respond quickly.

Work with other non-ARES amateur provider-groups to establish mutual respect and understanding.

Work for growth in your ARES program, making it a stronger, a more valuable resource.

Report regularly to the SEC.

Encouraged to earn certification in Level 1 of the ARRL Emergency Communications Course.

7. Personal Recognition - Chuck Towner AE9CT

I have asked our Section cabinet members to help us recognize those that promote our hobby. Neil Ormos N9NL sent this information about Chuck Towner AE9CT which I am pleased to include in this newsletter. Chuck leads a ham license instruction team associated with Palatine EMA that has helped at least 110 people get their ham licenses. Chuck's classes are well-attended and the students are successful. Not only is Chuck extremely knowledgeable, he has an upbeat, affable personality and an ability to make the material accessible to students who may lack a technical background.

Tom Smith KB9ZTL, Palatine's EMA Coordinator (retired), commented, "Chuck is the longest tenured PEMA (Palatine Emergency Management Agency) volunteer and a wonderful, dedicated person. Chuck came to us several years ago with the idea of holding ham classes on a regular basis for not only PEMA volunteers but ANYONE that was interested in getting their license. Chuck organized the classes and recruited the trainers. We purchased materials and provided the location and Chuck and his team did the rest. A former PEMA volunteer named Bernie Knepper passed away several years ago (far too young). Bernie was a ham. In his honor, we named a Volunteer of the Year Award for him. Chuck was the first recipient of this award for his dedication to the PEMA. He still spends time helping others through PEMA and his church. I am proud to call Chuck my friend."

Chuck's classes are well-attended and the students are successful. Chuck is extremely knowledgeable, but the low enrollment and high attrition that afflicts some courses elsewhere show that expertise alone does not guarantee good results.

I believe a significant part of Chuck's success in attracting students, keeping them throughout the whole course, and ultimately, having them pass the exam, arises from his upbeat, affable personality and his ability to make the course accessible to students who may lack a technical background.

8. IEEE EMC Meeting at FermiLab

A group of more than 200 Amateurs and Radio Professionals attended the IEEE Meeting at FermiLab hosted by Director Kermit Carlson W9XA on April 19th. Kermit gave a personal tour of the facility to about 25 amateurs prior to the talk on Man-made Noise. Greg Lapin N9GL and Ed Hare W1RFI were the speakers. Both of these individuals represent the ARRL Staff. The meeting was very informative and provoked a lot of questions from the audience about noise reduction in their area of discipline.

It was a pleaser to spend time with amateurs from the area. With so many people present, I was not able to get around to meet everyone.

9. Hamfests

It is the Hamfest season, with several clubs and organizations hosting events about the State. Look over the Hamfest calendar in QST and make an effort to attend one in your area.

10. Invitations

Invitations to events are appreciated. Most of the Section knows that I am a high school teacher which has limited my schedule during the school year. Summer is upon us and I expect to be out to meet and greet more of the section amateurs. I plan to take Rob Orr, K9RST and Charles Richie,

K9DUE up on their invitations to meet this summer.7 at 1915 local time



MISSOURI SECTION NEWS

Cecil Higgins, AC0HA

The Flooding that has devastated many of the communities in the Southern part of Missouri has been a focus of my attention. I have to complement all the Amateur Radio operators and the ARES leadership that has been so dedicated during this trying time. I'll be giving a more detailed review of the involvement in a future MO Section News.

I want to thank the Boeing Employees Amateur Radio Society for their sponsorship of the Missouri QSO Party. This year there were 211 unique logs submitted to the BEARS that will be used to determine the rankings within the different categories. Ward Silver, N0AX, reported on Face book that he and Ellen had a great time rambling around the SW MO counties starting in the lower-left corner of McDonald and winding up in the town where my brother went to college, Fayette, in Howard county. Final tally was 26 counties activated and about 1050 miles traveled. 972 QSOs by 58 multipliers for 98,600 points. George Mackus, AB0RX, was right on target when he posted that the sun played an April fool's joke on us all. And suggest that we read ARRL online Article on Solar Flares that occurred on April 1 and 2.. When all the logs are processed we will be publishing the results of the plaque winners in the MO Section News.

JULY HAMFEST 2017

The Warrensburg Area Amateur Radio Club Hamfest will be held July 15, 2017 at the Chrest Ridge Middle School located on 92 NW 58 Highway in Centerview, MO 64019. To Learn more about this year's WAARC Hamfest you can go to their website <http://www.waarci.org> or contact Kenneth Smith, KO9R, 126 SW 400th Road Warrensburg, MO 64093, Phone: 660-441-0007 Email: hamfest@waarci.org.

The Zero Beaters Amateur Radio Club are sponsoring the Washington Hamfest on July 16, 2017 at the Elks Hall located at 1459 West 5th Street Washington, MO 63090. The Website is <http://www.zerobeaters.org> or Contact Bruce Serbus, KD0KCF PO Box 277 Gray Summit, MO 63039 by Phone: 314-954-3199 or by e-mail at kd0kcf@sbcglobal.net.

AFFILIATED CLUB NEWS KEITH HAYE, WE0G, ACC

Herb Fiddick, NZØF, reports that the April 29th and 30th WW1USA event at the WWI Memorial in Kansas City, was the 13th WW1USA event and in spite of generally bad band conditions, they ended up with 1515 contacts. Those contacts spanned 49 states, 7 Canadian provinces, and 37 countries. Through 13 events, we have logged over 15,500 contacts. Almost all (96%) of our contacts were on 20 meters due to conditions. WW1USA is only possible through the active participation of many individuals in many roles. A total of 29 operators were involved in the "on air" activities and a number of other JCRAC club members and WW1USA team members provided other support. Herb, on behalf of WW1USA, thanked all who participated or made contact this past weekend. WW1USA invite all area hams to participate in upcoming WW1USA events. The next event is July 22-23, 2017.

Just in case you missed it, the Midwest Division Newsletter reported that the Mid MO Amateur Radio Club (MMARC) in Jefferson City, MO hosted a General License Class on two successive Saturdays, April 22 and 29 from 9am to 4pm each day. The only charge for this class was \$30.00 to cover the cost of the student manuals. The classes were held in Conference Room C in the Health Plaza of St. Mary's Hospital, 2505 Mission Drive in Jefferson City. Instructors are members of MMARC. The license course was for persons currently holding a Technician License who are interested in upgrading to General. The contact person for the class was Bob Heald, W0XII.

Raytown ARC is one of the more active organization in the Kansas City Area. The RARC sponsor ARRL Field Day Activities, weekly member socials, a 2-m net, club picnics, special radio events, and several other activities. One of the activities that is so helpful to an Amateur Radio Community in the area is their ELMER project. Qualified and knowledgeable RARC members will assist those needing help with issues that relate to Amateur Radio. This includes everything from Antenna Theory and Design, Amateur Satellite Communications to kit building. To check out the whole list check out their website at <http://k0gq.com/AboutUs.php>

Egyptian Radio Club Minutes of the General meeting of May 4 2017 unapproved

Present: Bob Evans AA9FQ, John Sundstrom WA0LIS, Bob Young W9MO, Bill Dusenbery N9OQK, John Fuesting KD9DXD, Tom Green KD9RX, Jennifer Cato, Jason Cato KB9LBC, Terry Bell N9BEL, Randy Werner KD9BQK, Nolan Zorbrist KA9VKC, Mary Sundstrom KA9ZTJ, Pat Walkup KC0ZIW, Keith Unfriend KA9BGI, Larry Unfriend WA9KJV, Kean Wilson KC9MDC, Mike Phillips N0RSP, Nelson Matter N9NXU, Paul Stephenson N4LZR, Justin GarbeWA9JTG, Marty Schultz N9PPJ

Call to order by Bill Dusenberry

Treasure report given by John Fuesting, unanimously accepted.

Minutes as published in the newsletter, accepted

Repeater Mary reported the Fusion repeater is offline, it is being prep for the move to the KDNL site
There is an issue with the PL tone on the new BridgeCom repeater

John Sundstrom congratulated Terry Bell on passing his General at the St. Clair club test session.

Mike Phillips nominated Justin for ham of the year, Secretary Evans will coordinate with Justin on the application.

Hamfest Bill Dusenberyy reported we have received our first online order for tickets and tables.

Larry Unfriend noted that the Indiana QSO party is this weekend and it would make a good practice run for Field Day, set up will be in the club room at 9:30 am

Wirelog is the logging program the club uses and it has been modified to key and decode CW

Bob Evans made up a new Hamfest flyer and distributed it.

Bob Evans brought up about the club could start offering Mentoring to those struggling to get their license or upgrade.

The Solar charger was not damaged just turned off.

John Sundstrom brought in a 220 Colinear antenna he designed and built

Submitted by Bob Evans AA9FQ secretary.

Announcements

For those looking for amateur radio community involvement. Routes start in Godfrey and head north and east. September 9, 10

A great way to give back.

I would like to extend an invitation for you to "Join the movement" against MS. The Express Scripts Bike MS Gateway Getaway Bike Ride is in planning and will take place September 9-10, 2017. The Gateway MS Chapter is expecting its highest number of riders yet at an estimated 3,800 bike riders.

In order to support this event, we need your help.

As a volunteer, you will be responsible for:

Having a winning attitude
Come prepared with the equipment necessary for your assignment
Following the directions and guidelines of Net Control and the MS Staff

Assignments may include the following:

Working with a Rest Stop
SAG vehicle
Situations
Medical

Please drop me an email to let me know you are interested. so that I can make sure you are on my list.

The volunteer registration survey can be found at: <http://main.nationalmssociety.org/site/TR...>, under the title Volunteer Opportunities at Bike MS: Gateway Getaway Ride 2017. Click the link "Fill out this survey".

If you would like more information on the 2017 MS Bike Ride, please contact me at 314-496-7271 (Rebecca) or kc9cij@gmail.com. The MS Office is also available to answer your questions at 314-781-9020.

I look forward to working with you this year.

Sincerely,

Rebecca Carroll

MS Volunteer

 American Diabetes Association.
Tour de Cure

Saturday, June 3, 2017

**Liberty Bank
Amphitheater
Alton, Illinois**

**Sponsored by the
Heartland Region of the
American Diabetes
Association**

This event attracts about 1,000 riders of all levels and abilities, and is one of the Diabetes Association's key fundraisers. There will be five routes in Calhoun and Jersey Counties, Illinois and I am recruiting volunteers for the Route Support Team.

Drivers and communicators are needed for ten SAG vans, two route trucks (pickup trucks) and one supply truck. Additionally, communicators are needed for nine rest stops.

I'm trying to eliminate multiple requests for information, so if you are able to volunteer, please e-mail the following information to me at gatewaysag@gmail.com:

- Full name
- E-mail address
- Cell phone (for day of ride use only)
- T-shirt size
- Call sign
- Desired assignment - mobile communicator (SAG or truck), driver (SAG or truck) or Rest Stop communicator

St. Louis and Suburban Radio Club is having a weekend class for the Technician License on Saturday and Sunday, June 10-11.

All of the possible test questions in the Question Pool will be covered, but prior study is strongly recommended.

Study guides will be sent when you register for the class. Class size is limited to 12.

VE testing for all license levels will be held on June 11 at the completion of the class by the Cliff Cave VE team.

For complete information, contact Cliff KCØSDV at KCØSDV@SLSRC.ORG

- For mobile communicators--
 - Do you have your own wiring harness, or do you need us to provide one? If so, power pole or T-connector?
 - Do you have an APRS tracker or do you need us to provide one?
- New questions this year--
 - Do you have any physical or other restrictions that might affect the assignment you are given?
 - Report times vary between 5:30 am and 10:00 am- do you prefer an early or late assignment? In the past, the last volunteers have been released around 5:00 pm.

There will be a training session for all drivers and communicators in early May - details to follow. Final assignments are usually made about two weeks before the event.

The web site for the ride is

http://main.diabetes.org/site/TR/TourdeCure/OurAdmin?pg=entry&fr_id=11732

For more information, contact:

Al Guise

KD0BFG

gatewaysag@gmail.com

[314-496-7601](tel:314-496-7601)

Advertisements

The Podunk Hollow News is a monthly publication of the Egyptian Radio Club, Inc. Advertising space is available in the Podunk Hollow News at **\$12.00** per business card size ad per year. Larger advertising space is available, per month or per year. All advertisers are welcome in the Podunk Hollow News. Ads are now clickable.

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General Club Information

The club holds a monthly meeting on the first Thursday of the month and is open to all. Visitors are always welcome at the meetings. The next meeting is June 1st, at 6:30pm at the Holy Family Community Center at 2600 Washington Ave in Granite City, IL. Members tend to arrive early to socialize, and the actual meeting starts at 6:30pm. After the meeting, there is usually a social gathering at a local restaurant. "The meeting after the meeting."

The club has a informal net every Tuesday at 8:00pm on 146.76. The PL and time-out timer are turned off for the net. You do **NOT** need to be a member to participate or use the repeater, as it is open to **ALL** licensed Amateurs. Be sure to "stop in" and say hi!

Anyone interested in joining the Egyptian Radio Club will find an application at the end of this newsletter.

Contact us;

WebMaster - webmaster@w9aiu.net

Ham Fest Chairman - hamfest@w9aiu.net

Field Day Chairman - fieldday@w9aiu.net

Newsletter Editor – kb9lbc@gmail.com

US Mail;

Egyptian Radio Club, Inc.

P. O. Box 562

Granite City, Illinois

62040-0562

Our website is;

www.w9aiu.org.

Our Facebook Page is;

<https://www.facebook.com/W9AIU>.

Our Facebook Group is ;

<https://www.facebook.com/groups/765454553468182/>.

Our repeaters are:

146.760 – PL 141.3 in downtown St. Louis, MO
with an EchoLink Node #541608

Coming Soon 70cm + PL 141.3 in downtown St. Louis, MO
Now System Fusion Capable

146.790 – PL 127.3 in Edwardsville, IL

224.060 – PL 127.3 in Edwardsville, IL

442.400 + PL 127.3 in Edwardsville, IL

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EGYPTIAN RADIO CLUB, INC.

Post Office Box 562
Granite City, Illinois 62040-0562

Full Name _____	Call _____										
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<small>5 DIGIT + 4 DIGIT</small>											
Home phone _____	Date of Birth ____/____/____										
Your email address _____ @ _____											
Are you a member of the ARRL? _____ ARES? _____ MARS? _____											
If so, give call											
Class of membership desired:	<table border="0"> <tr> <td>Full</td> <td>Associate</td> <td>Senior</td> <td><small>(must be 65 or older)</small></td> <td><small>(circle one)</small></td> </tr> <tr> <td>\$36.⁰⁰</td> <td>\$18.⁰⁰</td> <td>\$24.⁰⁰</td> <td></td> <td></td> </tr> </table>	Full	Associate	Senior	<small>(must be 65 or older)</small>	<small>(circle one)</small>	\$36.⁰⁰	\$18.⁰⁰	\$24.⁰⁰		
Full	Associate	Senior	<small>(must be 65 or older)</small>	<small>(circle one)</small>							
\$36.⁰⁰	\$18.⁰⁰	\$24.⁰⁰									

I hereby apply for membership in the Egyptian Radio Club, Inc. and agree to accept and follow its By-Laws. Further, I agree to operate my Amateur Radio Station in accordance with the Rules and Regulations of the Federal Communications Commission Part 97, of the United States of America.

EGYPTIAN RADIO CLUB 2011 DUES STRUCTURE

I am enclosing one year of dues, pro-rated,
based on the number of months remaining in the calendar year.
(Calendar year, January 1 to December 31)

Sponsoring Member _____

Sponsoring Member _____

Secretary _____ Dated ____/____/____



Artwork by Phillip "Gil" Gildersleeve, W1CJD/SK. Longtime Staff Artist at ARRL HQ. This painting is the property of the Egyptian Radio Club and is on loan to the ARRL. It hangs in the entrance foyer at HQ.



Egyptian Radio Club, Inc.
Post Office Box 562
Granite City, Illinois 62040-0562



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