

PODUNK HOLLOW NEWS

The Official Newsletter of the Egyptian Radio Club, Inc.

May 2017

Club President:

William Dusenbery
(N9OQK)

Vice President:

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(WA0JCO)

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(AA9FQ)

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(KD9DXD)

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Marty Schultz
(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.**

Repeater Construction and Restructuring

The old crystal-controlled 220 repeater in Edwardsville has been replaced with a brand new Bridgecom Systems BCR-220 Repeater (Pictured below). This is on 224.060 with a PL of 127.3. The old repeater wasn't doing so well, and we had the funds to replace it, so it was voted on and replaced.



Photo Courtesy of Justin Garbe (WA9JTG)

The 440 Fusion repeater in Edwardsville on 442.400 will be moved to St. Louis to take advantage of an antenna on the KDNL30 tower where 146.76 is located. The new frequency will be announced when it is up and running. Do not despair. 442.400 in Edwardsville is not going anywhere. The OLD Kenwood repeater that the Fusion repeater replaced will go back into that slot on 442.400 with the PL of 127.3. So basically, no changes in coverage, and we are gaining a 70 CM repeater in downtown St. Louis.

WRTC 2018 Plans Call for Greater Participation by Young Contesters

04/24/2017

The 8th World Radiosport Team Championship, [WRTC 2018](#) in Germany next July, will offer seats on three teams for contesters who are 25 or younger at the time of the event. Prospective participants need only to apply. The international event July 12-16, 2018, will feature 42 competing teams. This will mark Germany's first time hosting a WRTC, which takes place in conjunction with the [IARU HF Championship](#) event, July 15-16, 2018. The IARU contest provides a framework for the WRTC; the rules for each event differ. Contester Sandy Raeker, DL1QQ, who handles WRTC 2018 US fundraising, [spoke](#) recently with Tim Duffy, K3LR, for a DX Engineering video.

"I think we're making real good progress," Raeker said. She noted that WRTC 2014 in New England had one youth team. "We decided to have three youth teams this time, because it's so important to involve more young people in this great contesting hobby," she said.

Managing preparations for WRTC 2018 is a 12-member organizing committee, headed by Chris Janssen, DL1MGB. Raeker said the sites, all in the relatively flat Jessen-Wittenberg region, south of Berlin in the former East Germany, have yet to be evaluated, but that organizers are aiming to offer comparable operating sites for all WRTC 2018 participants.

Among other things, WRTC 2018 has wrapped up its qualification process, drafted [official rules](#) for the competition, selected 160 possible station sites, picked and tested antennas and antenna-related gear, completed an initial round of testing, and signed several major sponsorship contracts. In March, WRTC 2018 began accepting applications for referees.

Raeker said some 39% of contributions for WRTC 2018 to date have come from the US, with 56% from Germany. US supporters may donate to WRTC 2018 via the World Wide Radio Operators Foundation ([WWROF](#)) website. Onlookers are welcome, Raeker said. The popular [Ham Radio](#) show in Friedrichshafen, Germany in late June is approximately 420 miles from the Jessen-Wittenberg area, where WRTC 2018 will take place. WRTC 2018 will have a booth at Ham Radio 2017.



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*

Geomagnetic Storm Watch Remains in Effect

04/24/2017

NOAA's Space Weather Prediction Center ([SWPC](#)) says a minor (G1) geomagnetic storm watch remains in effect for April 24-26, due to the continued influence of a large, recurrent, negative-polarity coronal hole high-speed stream (CH HSS). A coronal hole is an area of the Sun where the magnetic field folds back, and solar wind escapes. This follows on the heels of an unexpected coronal mass ejection (CME) impact on April 22.

Conditions on HF are no better than fair, with conditions on the higher bands (17 through 10 meters) deemed poor. A G1 warning had been in effect until 1500 UTC today.

The odds of a G1 storm are 50-50. The upside is that the CH HSS increases the chances of auroral displays at lower-than-typical latitudes. NOAA says migratory animals are affected at the G1 and higher levels, and aurora is commonly visible at high latitudes (northern Michigan and Maine).

A G1 storm can cause weak power grid fluctuations and possibly impact satellite operations. According to NOAA, during storms, the currents in the ionosphere, as well as the energetic particles that precipitate into the ionosphere, add energy in the form of heat. This can increase the density and distribution of density in the upper atmosphere, causing extra drag on satellites in low-Earth orbit.

The local heating also creates strong horizontal variations in the ionospheric density, which can modify the path of radio signals and cause GPS errors. Geomagnetic storms can generate harmful geomagnetic induced currents (GICs) in the power grid and in pipelines.



· · · · · ILLINOIS SECTION NEWS · · · · ·

1. SVRC celebrates their 69th anniversary
2. York Radio Club host classes
3. 10 Meter articles for QST
4. PAARC host balloon launches
5. Searching for an SEC
6. Severe Weather Preparedness Week
7. Hamfests

I am still struggling with the Section newsletter format, Ron, AD9I

1. Sangamon Valley Radio Club celebrates their 69th anniversary. It was my pleasure to get an invitation to the March 4th dinner and a chance to speak to their organization. The main topic of the night was the activity around the installation of a new club repeater and the hours that went into that particular project. Joe Armstrong, K9ATG introduced my XYL and I to the group although I did recognize few faces from my hamfest time. My first talk was short, passing along information about my appointment, the efforts to recruit members into the ARRL Field Organization and lastly a bit of a biography about the new Section Manager.

2. York Radio Club of Elmhurst is hosting an amateur radio class on March 18th and 19th. Todd Benson, W9YK forwarded a local newspaper article outlining this event. I for one will be looking for additional information about class attendance. For additional information <http://yorkradioclub.com/training>

3. This note came from Scott, K7ZO who is the author of the QST Magazine and ARRL Web articles on the 2016 10 Meter Contest. He is looking for good stories and photos to include in the article. If you know of club members who would be interested and willing to contribute, he is interested in contacting them. This is a good opportunity to get your club members mentioned in a contest article. You may contact Scott directly at – k7zo@cableone.net

4. The Peoria Area Amateur Radio Club provided High Altitude Balloon launches for two local area schools. The first launch was held in February at the Illinois Central Christian School (ICCS). The balloon reached an altitude of 92,000 feet before the crew lost contact. The last known position for the balloon was near Alvin Illinois, just north of Danville. They are hoping for a good set of eyes to locate their payload. The school enjoyed the APRS tracking and the training classes given by Fritz Bock, WD9FMB. The second launch for this year is scheduled for March 17th at Washington Gifted School in Peoria.

5. Brad has asked that until such time as a new SEC is identified and appointed, please direct any ARES-related administrative questions to Curtis Williams, W5DTR, Illinois ARES ASEC or to your District Emergency Coordinator. Your new SM is looking for the right person to fill this vacancy

6. Severe Weather Preparedness Week was Mar 5-11, 2017. The following information about this event came from Curtis, W5DTR: There was no statewide ARES net planned for severe weather week. There are many local nets and a few regional ones matching the area covered by the NWS office. One example is the March 7 at 10 am alert and siren test in the Illinois part of the St. Louis NWS. This is followed at 10:30 am on Starcom 8B by a roll call of the county EMA offices, hospitals, dispatch centers, and many first responders in Region 8. Should the Starcom system be down, this of course demonstrates what amateur radio operators might need to duplicate. The St. Louis weather forecast office has access to the Starcom system. WB9QPM is often the net control for statewide drills. Gene, WA9TZL reported that St. Clair Co. ARES will be conducting the March 7,2017 Statewide NEW Tornado communication test as well on the SCARC and if necessary, on the PRIME repeaters (147.120 and 145.110 respectively). Monitoring also Ill. ARES 3.905 MHZ .

7. Hamfests and club meetings are a great venue for ARRL elected officials to meet your group and discuss areas of interest. My apologies to the Sterling Rock Falls Hamfest for being absent. I have attended this event a few times in the past and always enjoy meeting with the local amateurs. Typically, my XYL would prefer that I was in church with her on Sunday mornings which limits my activity. I do manage to break away for a few events. That said, if it is your desire for us to attend, make the invite so that your event is on my calendar. It is also nice to have a guest admittance ticket but not required. ARRL officials are not allowed to place anything into the prize barrel, so the prize stub could be removed.



MISSOURI SECTION NEWS

Cecil Higgins, AC0HA, MO SM

I attended the Ozark Amateur Radio Society's hamfest in Mt Vernon March 25th. While there I spoke to several people about how big the Hamfest is getting. All thanks goes to Mike Sanders K0AZ and the rest of the OARS members that work so hard on it. The last several years I have watched this Hamfest continue to grow. These fine folks are very proud of their event and their hard work shows. There were several well-known Vendors at the event and plenty of table of individual vendors as well. There were items for everyone, from radios and equipment to some ceramics and cookbooks, there was even jewelry. I really enjoyed visiting with everyone and hearing their concerns as well as what they approved of as far as all the issues concerning Amateur Radio.

It is with deep sorrow that I announce the passing of Ken Baremore, W0KRB. Ken Served Amateur Radio for more than two decades. He served as the Greene County Emergency Coordinator, The District D Emergency Coordinator and served as the Missouri Section Emergency Coordinator until 2013. Ken also volunteered with the Red Cross beside his wife Sue, W0SUE, for many years. Ken was quick to help new Hams and was an ARRL Communications Instructor. Ken will be sorely missed.

APRIL HAMFESTS 2017

The Ararat Amateur Radio Shrine Club is holding their Hamfest on April 17, 2017 at the Ararat Shrine Temple 5100 Ararat Drive Kansas City, MO 64101 Public Contact: Joseph Russell , K0WVU, 1600 S. Skyline Drive Liberty, MO 64068, Phone: 816-215-9836 Email: araratshrinearc@gmail.com .

AFFILIATED CLUB NEWS KEITH HAYE, WE0G, ACC

Paul Watt, KE0IKG, reports that at the Central Missouri Radio Association meeting a motion was made, seconded and accepted by vote to allow CMRA Club members to borrow club radios to setup and use. A committee was formed by CMRA President Brian Fowler, AD0UK to come up with guidelines the club will use in loaning out the equipment. This committee includes Mike Morgan, KM0MVR, Jon Cole, N0OFJ, and Jim Whitehill, N1QV met and Jon, N0OFJ, presented their proposal for a preliminary agreement that anyone who is borrowing Club equipment will have to agree too. The proposal will be given a final review by the CMRA Executive Committee before it is voted on at a future meeting. Amateur operators from the Boone County area have had the opportunity to attend a National Weather Service Spotting session and a second Weather Spotting class coordinated by Bill Farr. Bill McFarland, N0AXZ, reported that the new Boone County Emergency Communications and 911 Center is opening in April and they are currently installing the amateur radio equipment that will be used for emergency communications.

The Northeast Missouri Amateur Radio Club is an active general interest amateur radio club that has a distinct technical bent and an interest in Amateur Radio Emergency Services. The Club participates in Field Day, supports a Repeater and is active in Public Service communications in the Adair County area. The Club President is Don Bindner, KD0PGM, and the NEMO ARC meets on the Second Sunday of each month at 1:30 in the ready room of the Central Fire Department located at 401 N Franklin, MO. The NEMO ARC website has a feature not seen on most Ham Radio sites. The website has links to member's projects and often have explanations of how they solved Amateur Radio related problems. To go to the link you can use <http://nemoarc.org/index.html> . Those living in Northeast MO might consider visiting a meeting and joining a great Amateur Radio Club.

Egyptian Radio Club general meeting April 6 2017 **UNAPPROVED**

Present: Bill Dusenberry N9OQK, Bill Schmidt WA0JCO, John Sundstrom WA0LIS, Jean Wilson KC9MDC, Marty Schultz N9PPJ, Nolan Zorbrist KA9VKC, Larry Unfriend WA9KJV, Mike Phillips N0RSP, Pat Walkup KC0ZIW, Steve Westlund WB 9GZZ, Geoff Brenton N9CMD, Jim Williamson KD9FQC, Justin Garbe WA9JTG, Jason Cato KB9LBC, Ron Wright N(ADJ, Tom Green KD9RX

Meeting called to order by Bill Dusenberry at 6:30

Larry Unfriend thank everybody in the club for the flowers and the number of members who showed at his wife's funeral.

Treasure's Report and minutes for March, motion to approve made by Mike Phillips, seconded by Larry Unfriend, approved.

John Sundstrom reported that the application to the Missouri repeater coordinating consul for the 440 repeater application has been submitted and that it takes about a month to go through.

Marty Schultz gave the repeater committee report: the 220 Bridgecom is installed and there is a little Desense he is working on. Marty also reported the repeater has about 160 feet of RG8 which is resulting in about a 4 Db loss, and asked if we wanted to run Hardline?

Bill Schmidt asked about the cost of the Hardline and the climber needed to install it, and that the climber needs to be bonded. Bill Dusenberry asked that Marty look into the total cost for the Hardline and climber.

Marty would like to put the new Fusion repeater at the KDNL site once we get coordination fo r the 440 repeater. The Kenwood would be placed at the Edwardsville site.

There was a brief discussion on the Hamfest Dennis KM9O will be providing the food again this year, the club will provide coffee and doughnuts.

The Field day activities will once again be at Holy Family Catholic Church and Bill Dusenberry will provide breakfast. Mary will setup the loggin so fware

Ham Luncheon at the Red Top BBQ place Friday at Noon at the former Rally's on 159 in Collinsville.

Mike Phillips reported on the equipment insurance through the ARRL the price is \$1.50 per \$1,000 to insure, no deductible. Currently the club only carries Lability insurance

Jason Cato would like pictures from the 220 repeater install.

Meeting adjourned.

Submitted by Bob Evans AA9FQ

Announcements



**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 gatewayasag@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

- 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/TourAdmin?pg=entry&fr_id=11732

For more information, contact:

Al Guise

KDOBFG

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 May 4th, 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;

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442.400 + PL 127.3 in Edwardsville, IL

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EGYPTIAN RADIO CLUB, INC.

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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



**ADDRESS
SERVICE
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TO: