

PODUNK HOLLOW NEWS

The Official Newsletter of the Egyptian Radio Club, Inc.

August 2018

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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

443.325 + 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.

Radio Amateur to Pay \$7,000, Face Restricted Privileges to Settle FCC Interference Case

07/04/2018

The US Department of Justice and the FCC have reached a settlement with Brian Crow, K3VR, of North Huntingdon, Pennsylvania, to resolve allegations that Crow intentionally interfered with the communications of other Amateur Radio operators and failed to properly identify. The core component of the settlement calls on Crow to pay \$7,000 to the US Treasury, the FCC and US Attorney for the Western District of Pennsylvania Scott W. Brady announced in separate July 3 news releases. In addition, Crow's Amateur Extra class license will be restricted to Technician class privileges for 6 months, and he has agreed to discontinue contact with the individuals involved in this case. Crow's Amateur Extra privileges will be restored after 6 months, "if no new violations have been found," the FCC said.

"Amateur Radio licensees know that the rules require them to share the airwaves, which means that bad actors cannot plead ignorance," FCC Enforcement Bureau Chief Rosemary Harold said in the [FCC release](#).

"This settlement is a significant payment for an individual operator, and it sends a serious message: Play by the rules in the Amateur Radio band[s] or face real consequences. We thank the US Attorney's Office for understanding the importance of this type of case and pushing it forward to ensure a resolution that included strong penalties for substantial violations of the law."

The settlement resolves a civil complaint (USA v. Brian Crow [No. 17-595]) in Federal District Court for the Western District of Pennsylvania to recover an unpaid \$11,500 fine that the FCC imposed on Crow in a 2015 [Forfeiture Order](#).

"Allowing licensed Amateur Radio operators the freedom to converse with

others in an orderly fashion and without unwanted disruption is one of the missions of the FCC,” Brady said. “This complaint identifies one such individual who intentionally interfered with other law-abiding Amateur Radio operators.”

The FCC recounted in its *Forfeiture Order* that it had responded in March 2014 to “several complaints of intentional interference” on 14.313 MHz, and that Commission agents used radio direction-finding techniques to determine the transmission sources. According to the court complaint against Crow, FCC agents tracked transmissions to Crow’s residence and monitored them for approximately 3 hours and heard him transmit slow-scan television (SSTV) signals and a prerecorded voice transmission of another Amateur Radio station on the frequency.

The FCC said it worked with Brady’s office to craft the agreement with Crow arising from its *Forfeiture Order* “that found his behavior violated the Communications Act and the Commission’s rules.”

According to Brady’s office, the claims that the settlement resolves “are allegations only, and there has been no determination of liability.

The K7RA Solar Update

07/20/2018

Over three weeks of blank Sun! Spaceweather.com reported 22 consecutive days with no sunspots as of Thursday, and there is nothing to indicate when sunspots will return.

A few weeks ago, I thought sunspots would return by now, based on solar flux predictions. If we look back to forecasts from less than two weeks ago, such as this one, it shows predicted solar flux of 80 for July 17-

19: <ftp://ftp.swpc.noaa.gov/pub/forecasts/45DF/070745DF.txt>

Here we can see that higher flux values seem to correlate with increased sunspot

activity: ftp://ftp.swpc.noaa.gov/pub/indices/old_indices/2018Q2_DSD.txt

But since the July 7 forecast shown above, predicted flux values have been well below 80.

Over the past reporting week (July 12-18), the average of the daily sunspot number was zero, same as the previous seven days. Average daily solar flux changed only slightly from 71.5 to 71.8.

Average daily planetary A index declined from 7.3 to 6.4, while average daily middle latitude A index shifted from 7.9 to 6.1.

The latest prediction (July 19) shows predicted solar flux at 70 on July 20-26, 68 on July 27 through August 1, 70 on August 2, 72 on August 3-18, 70 on August 19, 68 on August 20-28, 70 on August 29, and 72 on August 30 through September 2.

Will we see sunspots return during the August 3-18 period? Maybe, but I am not betting on it. But based only on predicted solar flux, it seems more likely than between today and August 2.

Predicted planetary A index is 15, 8, 12, 20 and 8 on July 20-24, 5 on July 25 through August 5, 8 on August 6, 5 on August 7-11, then 8 on August 12, 5 on August 13-15, then 16, 8, 10, 18 and 8 on August 16-20, and 5 on August 21 through September 2.

Geomagnetic activity forecast for the period July 20 to August 15, 2018 from OK1HH.

"Geomagnetic field will be:

Quiet on July 26-30, August 5, 11, 15

Quiet to unsettled on July August 4, 6, 10, 14

Quiet to active on July 31, August 1, 3, 7-9, 12

Unsettled to active on July 20, 22, 24-25

Active to disturbed on July (21,) 23, August 2, (13)

Solar wind will intensify on July 20-23 (and August 7-11)

Remarks:

- Parenthesis means lower probability of activity enhancement.
- Configuration of active areas in the Sun is changing again, which temporarily reduces the reliability of predictions."

Interesting article on plasma jets and related activity deep within the Sun: <https://bit.ly/2JBz7gu>

Tamitha Skov says we are facing three more weeks of a spotless Sun...

"Dear Tad,

“With all the solar activity recently, it’s hard to believe we have gone three weeks with a spotless Sun. Some scientists within the community are even saying we have arrived at solar minimum. Yet despite this sad news, Space Weather remains far from quiet. It seems our Sun is finding ways of

staying busy.

“I too find myself busier than I expected as we reach solar minimum. In fact, just this past week I was invited to do an interview on Space Weather for CBS News. It was an amazing experience to visit the Los Angeles CBS studio, be wired up like a real news anchor, and be broadcast live via satellite to a sister CBS station in Minnesota. Moments like this are becoming a larger part of this amazing journey. I am so grateful I get to share it with you. I promise to make available more behind the scenes footage of this studio adventure in my Patreon project.

“Speaking of, last week I promised I would give you a chance to offer me voluntary feedback on the project before I begin pre-launch later this month. If you would like a sneak peek at the perks I am offering, here is the link to the tiers I have created. Feel free to let me know what you think: <https://bit.ly/2uyFixt>

“This week the forecast brings another chance for aurora, especially at high latitudes. This is due to some fast solar wind that might bump us to near storm levels around Friday. Afterwards, unsettled conditions should linger throughout the weekend. Radio propagation will likely drop down to poor conditions by the beginning of next week, but hopefully the solar storm will help give propagation a boost on the night side of Earth, with auroral propagation possible. The weak storm should also help improve GPS/GNSS reception at low latitudes. Like I said, it’s a busy week!

“Cheers, Tamitha”

Her latest video update: <https://youtu.be/ut2MlfmRa70>

For more information concerning radio propagation, see the ARRL Technical Information Service at <http://arrl.org/propagation-of-rf-signals>. For an explanation of numbers used in this bulletin, see <http://arrl.org/the-Sun-the-earth-the-ionosphere>.

An archive of past propagation bulletins is at <http://arrl.org/w1aw-bulletins-archive-propagation>. More good information and tutorials on propagation are at <http://k9la.us/>.

Monthly propagation charts between four USA regions and twelve overseas locations are at <http://arrl.org/propagation>.

Instructions for starting or ending email distribution of ARRL bulletins are

at <http://arri.org/bulletins>.

Sunspot numbers for July 12 through 18, 2018 were 0, 0, 0, 0, 0, 0, and 0, with a mean of 0. 10.7 cm flux was 72.1, 72.5, 72.3, 71.7, 71.9, 71.2, and 71.2, with a mean of 71.8. Estimated planetary A indices were 8, 6, 5, 4, 9, 9, and 4, with a mean of 6.4. Estimated mid-latitude A indices were 8, 6, 4, 4, 8, 9, and 4, with a mean of 6.1.

Practice Message Handling Net

Sunday's 6:30 pm

146.79 PL 127.3

Practice messages will be posted on the

Egyptian Radio Club

Facebook page Saturday evening

You can practice reading or copying the messages.



2018 ST. LOUIS METRO ARES/RACES EVENT CALENDAR



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

JULY

9th – Regular Monthly Meeting

AUGUST

4th – Lupus Bike Ride, Eureka, MO*

6th – Planning Committee Meeting

11th – Repeater Switching Exercise

13th – Regular Monthly Meeting

SEPTEMBER

8th & 9th – MS Bike Ride, Godfrey, IL*

13th – Regular Monthly Meeting

OCTOBER

1st – Planning Committee Meeting

6th – Simulated Emergency Test

8th – Regular Monthly Meeting

NOVEMBER

12th – Regular Monthly Meeting

DECEMBER

3rd – Planning Committee Meeting

10th – 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*

ILQP PORTABLE ANTENNA

by John Sundstrom WA0LIS

An antenna design was sought that would be ideal for use at portable station locations, especially county lines and corners. Several of these antennas could be assembled and would be made available to operators that could then be recruited to operate on high scoring county lines and corners. A review of the available antenna books revealed one antenna that is close to ideal for this purpose. Look up the article in footnote 1 for more details.

Performance parameters considered were as follows:

1. Bands of interest include HF bands from 160m through 10m as well as 2 meter fm. The portable antenna design discussed further below covers 80m, 40m, 20m, and 10m. The feed point impedance is too high to match on 15m but it will match on 10m. It is assumed that the operator will provide a separate antenna for 2m and 2m will not be discussed further here. The big gun contesters probably will argue 15m is useful. It is, but most QSO's are made on 80, 40, and 20. That is three bands to clean out in just 8 hours. WARC bands are not used.
2. Good signal performance is required. This means a near full length dipole or inverted vee. Horizontal polarization is preferred due to less noise and higher takeoff angles. There is emphasis on good coverage of Illinois. Illinois is a maximum of about 425 miles from the northeast corner to Ohio river. This means an antenna close to the Near Vertical Incident Signal design is better than a low angle radiator like a vertical.
3. SWR is a problem. It is very desirable to have an antenna that is broadbanded enough to allow operation without the use of an external tuner. Most current rigs have an internal tuner these days, but these are only able to tune out about 3:1 SWR. The antenna should be able to keep the SWR down to this level. This is a tall order as 80m-75m is a very wide band.
4. Of course the antenna has to be simple, rugged, waterproof and easy to put up, light weight, and capable of handling at least 100 watts.
5. And last, but certainly not least, the antenna must not cost more than \$100.

The chosen design is an off center fed dipole. The base dipole is an 80 meter full length fed at the point where 1/3 of the antenna is on one side of the feed point and the remaining 2/3 of the length is on the other side. This means wires of 45 feet and 90 feet in length. As built, the short wire was 45 feet two inches, and the long wire was 91 feet seven inches. This will allow us to tune it a little without having to solder on more wire. Feed point impedance is about 200 ohms, so a four-to-one balun is used to couple the antenna to a 50 ohm coax. The coax is rg-8x. A choke made of 7 turns of the coax with a 7 inch ID is used to further reduce rf currents on the outside of the coax. As built, there is about 67 feet of free coax to get to the rig. The 4:1 balun is made from a T200-2 powdered iron toroid with 17 bifilar turns of #16 enameled wire. Ratings for the balun are about 300 watts matched and less if mismatched. The balun is enclosed in a junction box made of gray plastic normally used outdoors with gray PVC conduit. The box will be waterproofed before use outside. The wire used for the elements is #14 tin plated copper in PVC insulation.

Recommendations include having the feed point at a height of 30 feet or near that level, especially for the 80 meter band. The 90 foot wire should drop to about 10 feet at the insulator end. The angle between the wires should be 120 degrees or slightly more. Because Illinois is much farther from north to south than from east to west, the wire should be oriented from east to west. Following these recommendations should provide best results, however, one must do what is necessary to get

the antenna up. The antenna can be hung from a tree or from a pole. It should be kept away from large metal objects.

A prototype antenna was built based on the description above. The first try had the coax choke at the antenna end of the coax cable. The antenna did not like this for some reason. When the antenna was tried with the coax choke at the transceiver end of the cable, it worked fine. The antenna analyzer indicated the resonances were low in frequency, so 10 inches of wire was removed from the short side and 18 inches of wire were removed from the long side. The analyzer now indicated the antenna was working as hoped. On July 8 with the sun shining and a temperature in the 80's, the antenna was actually tried with a real rig attached. The antenna was up 25 feet at the top and just under 10 feet at the ends with the wires running east-west. The rig was a Kenwood TS-570s with an internal tuner and swr meter.

SWR results exceeded my expectations and are shown in the table below. Note that 30 meters and 15 meters were tried too and no match was found on these bands:

<u>FREQUENCY IN MHZ</u>	<u>SWR WITH TUNER</u>	<u>SWR WITHOUT TUNER</u>
28.050	<1.1	<1.1
28.450	<1.1	<1.1
14.050	<1.1	<1.1
14.330	<1.1	1.2
7.050	<1.1	1.3
7.280	<1.1	2.7
3.540	<1.1	2.7
3.990	<1.1	<1.1

Azimuth patterns should be very similar to the patterns for center fed half wave dipoles on 80 and 20 meters. These patterns are bilobal like a figure 8 with the wire passing horizontally through the pattern minimum. On 40 meters, the pattern has six lobes with three on each side of the wire. These lobes and nulls are reduced by the drooping of the wire ends. The patterns should be fine with the exception of the direction parallel to the wire elements.

Final comments: Cost for new parts would be about \$65 depending what is paid for the parts. This antenna weighs more than expected and may stress the support pole.

1. John Belrose VE2CV and Peter Bouliane VE3KLO "The Off Center-fed Dipole Revisited: a Broadband Multiband Antenna," More Wire Antenna Classics Volume, ARRL Publications, 2 fourth printing 2007 pp 2-1 to 2-7

Alert:



Alert:



..... ILLINOIS SECTION NEWS

Your Illinois Section News is located at <http://www.arrl.org/Groups/view/illinois>
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Update on Logbook of the World and CQ Awards (4/18)

ARRL and CQ Magazine Announce Launch of CQ's WAZ Award Support on ARRL's Logbook of the World

Newington, CT and Hicksville, NY – April 2, 2018 Officials from CQ magazine and ARRL, The national association for Amateur Radio®, are excited to announce the launch of support for CQ magazine's Worked All Zones (WAZ) award program on ARRL's Logbook of the World (LoTW) system, effective Monday, April 2, at 10:00 a.m. EDT (14:00 UTC).

The goal of the project was to create the proper technical support system to enable amateur radio operators to submit LoTW confirmations for WAZ credit and that has been accomplished, say CQ and ARRL officials.

"We are very pleased that participants in CQ's WAZ award program will now be able to use their LoTW confirmations for award credit," said CQ Editor Rich Moseson, W2VU. "CQ WPX Award participants have found it very helpful and we are sure it will be equally helpful for those pursuing WAZ and its many variations."

ARRL First Vice President Greg Widin, K0GW, concurred. "Users of LoTW have been telling us for some time that they would like to use QSLs from LoTW to apply for the WAZ award. They will now be able to select confirmations to be used for WAZ credit."

Beta testing for bringing CQ magazine's WAZ award program into ARRL's LoTW system had been underway since mid-December. Any problems in the implementation discovered by testers were corrected by the technical support team. Also, the documentation has been improved by feedback from the testers. At the same time, each LoTW user was given an additional WAZ account. Standard LoTW credit fees and separate CQ award fees will apply.

Logbook of the World is ARRL's electronic confirmation system for amateur radio contacts. It provides a confirmation when both stations in a contact submit their logs to the system and a match between the logs is confirmed. LoTW has supported the CQ WPX Award program since 2012.

#####With support from member volunteers, ARRL will put Amateur Radio on display for visitors to [EAA AirVenture Oshkosh 2018](#) — the giant, annual airshow July 23 – 29 in Wisconsin, organized by the Experimental Aircraft Association (EAA). The event attracted more than 10,000 aircraft and nearly 600,000 visitors in 2017 to enjoy aerobatics displays, informative programs, hands-on workshops, and diverse aircraft spanning all eras of flight.

"The cross-over between Amateur Radio operators and pilots, aviation enthusiasts, and air show attendees has a strong correlation," said ARRL Central Division Director Kermit Carlson, W9XA, who is part of the volunteer team organizing the ham radio exhibit at AirVenture. "Attendees include many licensed and prospective Amateur Radio operators."

ARRL's exhibit will promote Amateur Radio to newcomers and inform all attendees of the similarly diverse technology and innovation enjoyed by both hams and pilots.

“Ham pilots are doing all sorts of things from the sky, including long-distance HF communications, aircraft tracking using APRS beacons, and search and rescue,” Carlson said. “Developing the capability to communicate from your aircraft to a ham on the ground is also fun!”

ARRL has posted a [short survey](#) that invites pilots who are radio amateurs to share their ideas for exhibiting at EAA AirVenture 2018. The ARRL display will build upon existing ham radio demonstrations at the show, including EAA Amateur Radio Special Event station W9ZL, organized annually by the Fox Cities Amateur Radio Club in Appleton, Wisconsin, and set up at the Pioneer Airport airstrip in Oshkosh. W9ZL will be on the air throughout the week of the Oshkosh air show.

Amateur Radio Month in Illinois

Toward the end of May, Governor Rauner will be issuing a proclamation designating June as Amateur Radio Month in Illinois. I will be sending you a PDF of the document as soon as it is sent to me.

From a Public Information standpoint, the proclamation is a great news "hook" that you can use to reach out to media and community organizations in your area to tell them about your club's Field Day plans and about your club and members.

You may have been among those who received an e-mail from me in January (directed primarily club Public Information Officers or Publicity chairs) that sought specific ideas/experiences that helped promote club activities.

Below are some of the ideas ARRL-affiliated clubs across Illinois shared to help all of us be more effective in telling the public about amateur radio.

For Field Day:

If you're trying to draw the public to Field Day, make sure you send an announcement to that effect to your local newspapers, television & radio stations and on-line community calendars (including public libraries and area colleges and universities). Some publications and stations prefer an e-mail, others a press release or phone call. Check in advance. Ask their preferences *and* deadlines for providing information.

A quick flyer can be sent to libraries, schools, and community/supermarket bulletin boards for posting Field Day and Club event announcements.

Field Day can offer some excellent television and newspaper photo ops. Be sure to contact the assignment editors and the photo editors at least 10 days in advance and include a brief description of what you will be doing that would make a good visual (putting up a big antenna, talking on the radio, etc.).

Create a "Fact Sheet" and make it available to the reporter or photographer when they show up. Make sure it that explains Field Day and how, what, when, where, and why your club members are participating in this nationwide emergency communications exercise.

If there is a local radio or television morning talk show in your area, contact the guest coordinator or host by mail, e-mail, or phone to see if they would like to interview you or someone from your club to talk about Field Day. Give yourself time to arrange this. Guests are often booked weeks in advance. Be sure to send the booker/host your Fact Sheet.

For Field Day and in the weeks leading up to it, look for possible human interest stories that might spark a newspaper story or television interview to tie into Field Day.

In this category might be:

- the youngest licensed ham who will be getting on the air.

- the oldest licensed ham who will be getting on the air.
- Scouts working toward their amateur radio merit badge.
- How your club uses what they do on Field Day to interact with the community in emergencies.
- Club members who have traveled to other areas to help with emergency communications.
- School ham clubs who are participating with your club.

Promoting what you do as an organization doesn't stop with the media.

June could be a great time to have representatives of your club speak (and show a powerpoint) about what you do on Field Day and throughout the year in presentations to community organizations like civic groups, service groups, scouts, business groups, libraries, and religious organizations.

If you have a shopping mall nearby, ask permission to set up a working display that promotes Field Day, your club, and ham radio. Flyers, ARRL booklets, even photo display boards may bring in new members and a greater awareness of your club. You may want to partner with other community organizations such as the Red Cross, local hospitals or the National Weather Service.

You might also ask your local officials to also proclaim Amateur Radio Month in your community, a great photo op!

These are just some of the ideas that have come my way. As we head into June, I'd like to share your ideas with other public information officers, publicity chairs and officers in the Section. Please feel free to drop me an e-mail at KD9BAU@gmail.com.

Vicky Whitaker, KD9BAU. ARRL Illinois Section Public Information Coordinator

Pearl Technology STEM Camp, June 18-22, 2018

The STEM Academy is sponsored and put on by Pearl Technology, with the assistance of the University of Illinois Extension, Richwoods Township, Goodwill Industries of Central Illinois, Peoria Area Amateur Radio Club, Peoria Heights High School, volunteer Caterpillar engineers, and ISS Above Software.

Twenty-five middle school students will spend June 18-22 attending the STEM Academy held at Goodwill Commons, where they will learn about space and radio communications. The students will build Raspberry Pi computers that stream live video from the ISS. Students will also participate in a high-altitude balloon launch by building the payload with student experiments and then, use radio telemetry to track the balloon to near-space. The highlight of the academy will be when students communicate directly with astronauts on the International Space Station. The ISS contact itself will be open to students of all ages in the local area. Stay tuned for additional information in the coming weeks.

Fritz Bock

WD9FMB

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The Western IL ARC invites all amateurs to a special event to celebrate 2018 as the Bicentennial for the State of Illinois.

To showcase Illinois amateurs during 2018, WIARC, in addition to the ILQP, proposes:

<http://www.w9awe.org/Challenge.html>

WIARC will coordinate with other IL stations as "Activators" to put all 102 counties on the air multiple times during the period August 26, 2018 through December 3, 2018 (including October 21, the day of the ILQP).

Both during ILQP and during the rest of this period, activations will be coordinated through the ILQP

Reflector <http://www.w9awe.org/ILQP%20Reflector.html>. "Activators" are encouraged to post plans on the reflector, and a weekly update of "Planned Operations" will be maintained on the WIARC page (link to follow).

"Activators" will upload Cabrillo or Excel log files (with the required QSO information: template available at <http://www.w9awe.org/ILQP.html>. Check the "Sample Log" tab at the bottom of the page.) Outside of the ILQP period, "Activators" are encouraged to append their calls with "/IL200" to indicate they will be uploading their logs for the event.

"Chasers" will attempt to contact all 102 counties during this period and will submit contact information on either the Excel template or .txt template provided on the ILQP website (link to follow). Both "Activator" and "Chaser" logs should be sent as attachments to n9jf@arrl.net no later than December 10, 2018.

Chasers who successfully contact all 102 counties will receive a special Bicentennial Challenge certificate.

Reach out to your membership to see who would be willing, during the period August 26, 2018 through December 3, 2018, to be "Activator Stations" for the Bicentennial Challenge detailed in the above link.

While home station activations are welcomed, we are going to need operators willing to do portable or mobile activations in order to make less-populated counties available multiple times. Activations at various times of the day and week and on various bands and modes will be needed.

Only by involving a large number of amateurs from around the state can we make it reasonably possible for stations to achieve working all 102 counties! Contacts during the 2018 ILQP (Oct 21) will automatically be registered from submitted logs. If you have questions or comments, please contact the club through n9jf@arrl.net.

See <https://illinois200.com/events/the-illinois-bicentennial-challenge-award>.

73, Jim N9JF

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[Affiliated Club Registration and Renewal](#) - Noah Sevcik K9BZY has set up a link to allow one place for clubs to get registered. There is a link [here](#) to do the paperwork.

[2016 Illinois Interoperability Field Operations Guide](#) - This manual is updated every two years and is available for download in the files section of the Section News.

Cabinet Members

[SM/AD--Ron Morgan AD9I](#)

[ASM--Mike Nowack NA9Q](#)

[ASM--Scott DeSantis KB9VRW](#)

[ASM/STM Roy R Eades KA9MZJ](#)

[ASM--Sean Travis W9STR](#)

[SEC--Fritz Bock WD9FMB](#)

[OOC/AD--Tim Childers K9CQ](#)

[PIC -- Vicky Whitaker KD9BAU](#)

[SGL -- Charlie Richey K9DUE](#)

[ACC -- Noah Sevcik, K9BZY](#)

[TC--John Dinnella WA9IL](#)

[ASEC--Robert Littler W9DSR](#)

[ASEC--Danny Pease NG9R](#)

[ASEC--Garret Robinson KC9FVK](#)

[ASEC--Pat Ryan KC6VVT](#)

[ASEC Pat Stowell, N9PN](#)

[ASEC--Curtis Williams W5DTR](#)

District Emergency Coordinators:

District 2--[Lloyd Sherman KB9APW](#),

District 3--[Debby Gray, WX9VOR](#) (including District 4 Lake & Dupage Counties)

District 4--[Robert \(Bob\) Langsfeld WB9TZC](#) ADEC for Cook County

District 6--

District 7--[Josh Kittle, N9WEW](#),

District 8--[Curtis Williams W5DTR](#), [ADEC Chris Pixton KC9EIZ](#)

District 9--[Jim Hudson WB9QPM](#),

District 11--[Bruce Talley WA9APQ](#)

Newsletter Topics

==> Section Manager Report

==> Net Reports

==> Illinois Club Websites

==> Club Presentations

==> Section Manager Report

[Illinois Sideband Net](#) webpage

[Illinois Nets](#) This is a link to the open Amateur Nets

==> Club Presentations

[Impedance Matching by Ward Silver](#)



MISSOURI SECTION NEWS

Cecil Higgins, AC0HA

Hello All

I would like to announce that Dale Bagley K0KY, will be stepping down as the editor of our section news. His presence will be sorely missed by all and certainly be me. Not only do I have great respect for Dale I consider him my friend and mentor. Dale will have a spot any time he wants one. We wish you all the best and good health Dale.

I just got back from the Ozarkscon QRP Conference held in Branson MO at the Stone Castle Hotel and Conference Center. I must say it continues to grow and get better with each passing year. The four corners group are the organizers of the convention and do one of the best jobs I've seen. There were forums put on by several speakers including Bob Heil with his presentation on the Pine Board Project and more. Classes to build several different kinds of kits and kit radios were put on throughout the 2 day conference. The atmosphere was fun and a lot of new projects will, without a doubt, be on the air all around the U.S. A big hand to all those that worked so hard to make the conference happen.

I hope everyone is enjoying the somewhat warmer weather and ask that we keep an eye to the sky. Severe weather season is on us.

APRIL HAMFESTS

The Ararat Shrine Hambash 2018 will be held April 21st at the Ararat Shrine Event Center 5100 Ararat Drive in Kansas City, MO 64101

For the latest information about the Hambash 2018, visit the Website: <http://www.hambash.com>. The Hambash 2018 contact person is Chester Hallberg , KØTCB 4830 West 78th Street Prairie Village, KS 66208. His Phone: 208-598-0094 and Email: chesterh4830@sbcglobal.net. The Talk-In will be on 145.130 (no PL tone)

AFFILIATED CLUB NEWS KEITH HAYE, WE0G, ACC

The Platte County Amateur Radio Group will be holding their annual cookout for for members and others in the Platte County and surrounding areas. The cookout is potluck, with the hamburgers, hotdogs, and buns provided by the PCARG. They will meet at the Northland Regional Ambulance District (NRAD) office located at 1000 Platte Falls Rd, Platte City, MO. The cookout is Saturday April 28th 11:00-3:00. We are offering an ARRL test session that morning before the cookout from 9:30-10:45. Testing for Technician, and General or Extra class upgrades available. We ask that you RSVP for testing to kc0ysy@gmail.com.

The Macon County Amateur Club President, Larry Ballew, AB0HP, has announced an extensive program of activities and projects for 2018. The MCARC will be refurbishing the Clubs Emergency Tower Trailer that is used extensively throughout the year during Field Day, The Lester Dent Special Event and several other operating opportunities. The MCARC, holds a Winter and Fall Club Operating Contest-QSO Party to encourage members to get on the air and have some fun.

Tom Hendrix, WA0E, wa0e@arrl.net, announced that the Booneville Radio Club will be hosting a Free Tailgate swap for all Ham radio enthusiasts Saturday, April 14 at 8 AM - 12 PM CDT. Hams are welcome to bring your old or new

gear to sell or trade. Or just come by and see what equipment you might want to purchase. We will be monitoring our repeater 147.360 + W0BRC, if you need directions. This is our first swap meet and, hopefully, it will continue each year. The location of the swap meet is Brady Show Grounds Boonville, Missouri 65233 and this is the same location as Steam Engine show which is held each year, and is at Exit 111 off of I-70 west of Columbia.

SECTION ARES REPORT FOR FEBRUARY 2018

JEFF YOUNG, KB3HF, SEC.

Total #ARES Members	1307
Number of Drills, Testing, Etc.	256
Number of Ham Hours	2,593.59
Number of Public Service Events	16
Number of Public Service Hours	381
Number of Emergency Operations	9
Number of Ham hours Emer. Op.	42
Number of Skywarn Ops this month	20
Number of Skywarn Hours	110
Total ARES Operations this month	301
Total Ham Hours	3130.59

9 out of 9 districts reporting

SECTION TRAFFIC REPORTS MARCH 2018

LARRY WILSON, K0RWL, STM

MO SECTION Net (MON), 30/177/44, net mngr K9ZTV
M0 TRAFFIC NET, 31 /1586/162 /, net mngr K0RWL
MESN,4/218/1, net mngr KD0CNC
LEBANON ARES, 4/51/1, net mngr KF4MXF
CALLAWAY (CARL) CO, 4/73/0/, net mngr KC0LYA
BOONE (CMRA) CO, 4/68/0, net mngr KC0HSB
JACKSON CO, 4 /84/0, net mngr K0UAA
MACON CO, 4/52/0, net mngr K0KY
ROLLA (RRARS), 31/350/3, net mngr KE0ARR
TEXAS CO, 31/525/24, net mngr N0TPE
BENTON CO, 4/50/3, net mngr KD0CNC
MID-MO, 4/73/0, net mngr WW0G
K. C. ARES DIGITAL, 4/44/12 net mngr K0KEX
FRANKLIN CO, 6/57/6, n et mngr KN0NWG
NORTHLAND ARES VOICE, 4/96/1, net mngr K0KEX
TRI-COUNTY, 4/51/6, net mngr N0AUY
DISTRICT E, 9/52/1, net mngr N0RIC
HANNIBAL ARES, 5/120/3 net mngr KD0HHN
JACKSON CO ARES DIG. 4/30/4 net mngr N0AJI
KD0HHN-LIAISON, 1/1/212, net mngr KD0HHN
HOWARD CO, 4/31/0, net mngr WD6BGN

WARRCI, 4/153/1, net mngr KB0HV
MONTGOMERY TRAINING, 4/26/1, net mngrK2HT
KC NORTH ARES DMR, 4/45/0, net mngr KA0SXY
FSQcall-MO 5/64/5, net mngr KA0OTL
CASS CO, 3/15/0, net mngr KD0RSX
ST.LOUIS METRO, 8/88/6, net mngr KB0H
TOTALS 224/4210/496



Egyptian Radio Club, Incorporated

Post Office Box 562, Granite City, Illinois 62040-0562

Egyptian Radio Club General meeting July 5 2018

Present: Bob Evans AA9FQ Bill Schmidt WA0JCO Nolan Zobrist KA9VKC Jim Williamson KD9FQC
Brian Marejka Jennifer Cato Jason Cato KB9LBC Chuck Hoxsey KD9JKP Lisa Hoxsey Bill
Dusenberry N9OQK Mike Phillips N0RSP Marty Schultz N9PPJ Jean Wilson KC9MDC John
Sundstrom WA0LIS Bob Young W9MO Robert Madoux KB9JE Larry Unfried WA9KJV

Call to order by Bill Dusenberry

Minutes approved without objection

Mike Phillips gave the Treasure Report, approved without objection

Bob Evans gave a Field Day summary report.

Bob Evans asked for volunteers for Hamfest , Field Day and 90th anniversary chairs, no one volunteered

Bob Evans pointed out that the Hamfest and 90th anniversary planning really needs to get started ASAP

Bill Schmidt liked how the Alto Pass group did their mini-hamfest swap and raffles

John Sundstrom mentioned we could start the auction up again, it was mentioned that the auction could occur within the Hamfest itself.

Repeater report by Marty Schultz 76 is working again, intermittent problems with the COR connector has been resolved.

Marty and Jack have not heard from the climbers

The club at the January meeting had voted to sell the Icom 756 after Field Day, Bob Evans asked what is the pleasure of the club.

Motioned made by Marty seconded by Larry Unfriend that we keep the Icom 756

Discussion included the fact that the 756 has a spectrum analyzer which is beneficial during a contest.

The majority of the club voted to keep the Icom 756

John Sundstrom noted we could look at this again in January if it is in the club interest to keep three HF radios.

Motion made by Bill Schmidt and Seconded by Jason Cato that the club again review at the January 2019 meeting on whether or not to sell the Icom 756 at Winterfest. Motion approved by the majority of the club.

Bill Schmidt needs more people to fill out the repeater survey, this will help guide the club in the future.

Nolan Zobrist asked if the club inventory has been completed , Mike Phillips is working on it and trying to locate the inventory book.

Bill Schmidt is taking the Titan antenna home to make a mount for it.

Larry Unfriend asked how did the Beam do for Field Day, ok was the overall feeling.

Zero Beaters hamfest is July 22 at the Elks Lodge in Washington Mo

West Central Illinois Hamfest is August 4 in Carlinville, Il

St. Charles hamfest is August 12 at the Elks Lodge in St. Charles, Mo

Mike Phillips made motion to adjourn seconded by Jason Cato

Adjourned

Mintues submitted by Bob Evans AA9FQ ERC Secretary

Announcements

For those of you that have any announcements, please feel free to email me at kb9lbc@gmail.com so I can include them in the newsletter.

Practice Message Handling Net

Sunday's 6:30 pm 146.79 PL
127.3

Practice messages will be posted on the Egyptian Radio Club Facebook page Saturday evening. You can practice reading or copying the messages.

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 August 2nd, 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

443.325 + PL 141.3 in downtown St. Louis, MO
Now System Fusion Capable

146.790 – PL 127.3 in Edwardsville, IL

224.060 – No PL in Edwardsville, IL

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Search for Special Events Stations



EGYPTIAN RADIO CLUB, INC.

Post Office Box 562
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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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