



Podunk Hollow News

The Official Newsletter of the Egyptian Radio Club, Inc.

Volume 5

October 2014

Satellite Carrying Amateur Radio Payload Launched to International Space Station

09/24/2014

When the commercial SpaceX Falcon 9 resupply vehicle lifted off from Cape Canaveral to the International Space Station on September 21, it also carried the SpinSat satellite, which includes an Amateur Radio payload. The satellite will be stowed aboard the ISS until deployment later this fall from the airlock of the Japanese Experiment Module.

Developed by the Naval Research Laboratory, the 125-pound SpinSat is a 22-inch diameter sphere carries a 2 W 9600 bps AX.25 packet radio store-and-forward system on 437.230 MHz. The satellite's primary mission is to demonstrate a new micro-thruster technology, from which SpinSat derives its name; its 12 electronically controlled solid-propellant thrusters will be fired in pairs to spin the spacecraft.

While in space, SpinSat will be used in a test to calibrate the Space Surveillance Network. Lasers will be aimed at the spacecraft from Earth, and the reflected light measured to determine where the satellite is passing overhead. SpinSat also will model the density of the atmosphere.

Equipped only with primary batteries and just 4.8 grams of fuel, the satellite's working phase is expected to last up to 6 months. — Thanks to AMSAT News Service via Trevor, M5AKA; NASA, and SpaceX



ARRL Simulated Emergency Test Set for October 4-5 Weekend

09/22/2014

The national ARRL Simulated Emergency Test (SET) is slated for the October 4-5 weekend, although the window for local and regional exercises is September 1 through November 30 each year. All groups conduct their events over the course of 48 hours. The SET is a nationwide exercise in disaster response and emergency communication, administered by ARRL emergency coordinators and net managers, in which volunteers respond to a mock emergency or disaster, such as an earthquake or hurricane. Members of the Amateur Radio Emergency Service (ARES), the Radio Amateur Civil Emergency Service (RACES), the National Traffic System (NTS), SKYWARN, the ARRL Field Organization, and other groups work together to plan and develop simulated emergency and disaster scenarios, in consultation with the various served agencies that rely on radio amateurs during emergencies.

The SET gives volunteer public service communicators the opportunity to focus on their capabilities, strengths, and weaknesses while interacting with NTS nets. It also provides a public demonstration — to served agencies such as the Red Cross, state and local emergency managers, and the news media — of the value that Amateur Radio provides. The SET helps radio amateurs gain communication experience using standard procedures and a variety of modes, under simulated disaster-response conditions. Participating groups earn points toward an overall SET score, adding a competitive component to the activity. Results are listed in *QST* (see pages 71-73 the July issue of *QST* for the 2013 SET results). Visit the ARRL [Public Service/Field Services](#) page and click on “SET Score Card” for an explanation of how points are earned.

Many ARES groups across the country will be participating, and all ARES members are invited to support the national SET and their local ARES group’s activity.

During this year’s SET, participating ARES/NTS members can earn SET bonus points by participating in the ARRL Centennial QSO Party. During the October 4-5 SET weekend, ARES and NTS field members and appointees are encouraged to get on the air and call “CQ Centennial.” The exchange is signal report, name, location, and your designator. There will be a special bonus for groups that include Centennial QSO Party participation. Each station making at least 5 contacts is worth an additional 3 points toward your group’s SET score. Those taking part in a SET on another weekend may participate on the national SET weekend and count it later (or submit an amended SET report form).

See page 78 in the July issue of *QST*, and page 75 in the September issue of *QST* for more information on the SET. — *Thanks to the ARES E-Letter*



ARRL Illinois Section News

There is still a lot of work to do on HR 4969. At this time, we have thirty-two co-sponsors, plus the original two sponsors. There will be a flurry of activity in DC during the next few weeks, then Congress will adjourn during October for the runup to the election. Afterwards, there will be the lame duck session until any newly elected Congressmen and Senators are seated. The resolution will still be live during that lame duck session, and the thinking is that conditions will be optimal to get it passed during that time. If we do not, we'll need to start all over next session. Optimistically, if we were to collect a bunch of co-sponsors, the FCC might concede the obvious and go ahead with the business of extending PRB-1 to private property. Please follow the instructions on the League website for submitting comments, so your letter doesn't get shunted off for anthrax testing until next May. Campaign time is the perfect opportunity to catch your representative live, so don't miss those opportunities. **You can also check on the co-sponsor count at congress.gov.

Sometimes, we collectively become too smart for our own good and let technology run ahead of us. Case in point: I was doing my usual trolling of various club newsletters, looking for material for the News (because I rarely get submissions from the field, but I digress...). In the current issue of the Fox River RL ArcOver, I found a reprint of an article by Dan Romanchik, KB6NU. It was a report of a brewing controversy over remote stations. Perhaps you are familiar with these: contest-grade stations which can be remotely controlled via the Internet by a qualified licensee. As a result of this technology, the League's DX Advisory Committee has suggested a rule change. This change would stipulate that a QSO would count towards DXCC credit only when the remote user and the controlled station were 200 kilometers or less apart. There are a lot of strong opinions floating around on this matter. One of the louder voices is that of one Rockwell Schrock WW1X, who feels that such a rule change is detrimental. And, well he would feel that way, as the gentleman is the lead developer for RemoteHamRadio.com, who charges remote users to operate superstations set up around the world.

On one hand, it's nice that hams without the ability to assemble a really nice station can actually operate one if they have the means and the bandwidth. Over the years, I've been fortunate to operate from much nicer stations than my old TS-140 and G5RV at 20 feet, including W1AW. It's quite a thrill to do so when your own equipment installation is marginal (read 'sucks'). I'm not a real big DXer, but I'm sure that part of the kick of collecting those DXCC countries is tweaking your station until it screams 'uncle' so as to get the best performance. Now, imagine short-circuiting all of that effort by merely paying the fee and connecting to an already tweaked station, there to make contacts at will. I imagine that there is nothing 'wrong' with the concept of remote operating, but it also inspires a vague uneasiness (to this writer, at least) as to the moral correctness. Again, technology is screaming forward and a lot of us are scrambling to catch up. There will be more of these discussions as time goes on, and over concepts that we have not yet even imagined.

**You can still register to participate in supporting the 2014 Bank Of America Chicago Marathon on 12 October. The registration process starts at <http://goo.gl/JVbQWk> and closes on 6 October.

The Illinois QSO Party is scheduled for 19 October, once again brought to us by the efforts of the Western Illinois ARC. Said it before and I'll say it again: organizing and pulling such an event together is not trivial, and involves so much more than what's seen. Many thanks to the Club for their considerable efforts since 2006. The best thanks that you can offer is to get out there and participate. Again, it would be nice to see all 102 Illinois counties active for this exercise. There are counties in the southern part of the Section which have only a handful of licensees. Factor out the inactive and the SKs, and it's slim pickings. There are some rover efforts being organized to help this situation, and hopefully, there are enough to make the entire state live.



ARRL Missouri Section News

HR-4969 is a resolution by the United States House of Representatives that provides accommodations be made for Amateur Radio antenna in areas covered by covenants and restrictions controlled by Home owners associations. The FCC has already required Municipal governments to make accommodations for Amateur Radio antenna in PRB-1. In Missouri there is an ongoing effort to get co-sponsors for HR-4969. Most recently 6 District U.S. Representative Tom Graves has agreed to be a co-sponsor. I have gotten reports from Tom Vaccaro, AA0PO that his Representative 4 District Representative Vicky Hartzler has indicated her support for HR-4969. Missouri Has Eight Congressional Districts and I would encourage Missouri Amateurs to go to the ARRL Website <http://www.arrl.org/hr-4969> and see how they can help get their U.S. Representative to sign on as a co-sponsor.

AUGUST 2014 HAMFEST REPORT

The 2014 Joplin Amateur Radio Club Hamfest was a great event. The JARC members with their leadership John Frederick N8GOU, Jim Scott, WB0IYC, and Jim Johannes ,N0ZSQ did a wonderful job keeping up the standards of this great Hamfest. There were many outstanding commercial vendors and lots of Flea Market tables. Appreciation goes out to Charles Floyd, W5JE, a Card Checker in Arkansas filled in for Cliff Ahrens, KOCA, Midwest Director who had to be absent due to serious dental surgery. There were several interesting and educational Forums held in the Holiday INN meeting room. There were some impressive Hamfest prizes won at this year's event. A special prize that could only be awarded this year were three ARRL Centennial Gold Coins given in celebration of 100th Anniversary of the ARRL. It was great to work with the Joplin Amateur Radio Club members and leaders at this year's Hamfest. There is a video of the Joplin Hamfest on line at <https://vimeo.com/104442589>.

OCTOBER HAMFEST 2014

The October 18th South Side Amateur Radio Club Hamfest will be held in the St. Sabina Catholic Church. The Church is located at 700 Trevis Avenue in Belton, MO 63552. To learn more about the SSARC Hamfest go to their website <http://southsidearc.net> or you can contact Forrest Creason, KD0RSX at 310 Canterbury Lane, Belton, MO 64012. You can also call Forrest at 816-714-8647 or by e-mail at [Email:KD0RSX@gmail.com](mailto:KD0RSX@gmail.com) The Talk-In is 147.12 (PL 151.4)

The October 25th Saint Louis Amateur Radio Club Hamfest will be held in the Kirkwood Community Center located at 111 South Geyer Road in Kirkwood, MO. Checkout their website for more information at <http://www.halloweenhamfest.org>. To learn more about the "Halloween Hamfest" you can contact Bob Sluder , N0IS

7511 Local Hillsboro Road Cedar Hill, MO 63016 Phone: 636-285-7605 Email : bcsluder@msn.com Talk-In: 147.150/147.750 (PL 141.3)



Club Business

Net Notes

08/05/2014

Net began at 8 PM St Louis time

Net Control Station = WA0JCO, Bill

Emergency Traffic = none

Special Announcements =

- K7RMJ = Thanks to Cliff Rozar KC0SDV: Announces the St Charles Amateur Radio Club Technician and General Ham Radio classes. They begin this fall and will be held at St Charles Community College, 4601 Mid Rivers Mall Drive, Cottleville, MO 63376

Technician requires Ham Radio License Manual 3rd edition \$29.95

Available from SCARC, the ARRL, and Gateway Electronics.

Class ID: 7184 Register on-line at

<http://stcharles.augusoft.net/>

Wednesday 7:00 pm - 9:00 pm; 10 sessions starting September 17, 2014, ending November 19, 2014 (exam date)

Tuition: \$10.00

Instructor: Rick Crockett WØPC

Location: St. Charles Community College , Rm. SSB 1403

Registration Closes On: September 17, 2014 11:59 PM

General requires Textbook required, General Class License Manual 7th Edition (ISBN 978-0-87259-811-9) \$29.95 Buy from SCARC and save shipping, from the ARRL or from Gateway Electronics.

Prerequisite: Must already hold a Technician Class license.

Class ID: 7183 Register on-line at

<http://stcharles.augusoft.net/>

Wednesday 7:00 pm - 9:00 pm; 10 sessions starting September 17, 2014, ending November 19, 2014 (exam date)

Tuition: \$10.00

Instructor: Rick Crockett WØPC

Location: St. Charles Community College , Rm. SSB 1406

Registration Closes On: September 17, 2014 11:59 PM

- N9PPJ = No announcement ADOJA Jacob has an announcement on Echo-Link

- ADOJA announced upcoming St Charles Hamfest 08/10 Sunday, 6 am fleamarket till 12, Vendors open at 8 am and both shut down at noon. Location is Elks Lodge 1163 Tom Genevier Ave in O'Fallon, MO. Talking is 146.670 negative offset and no PL tone on the repeater. Tickets at door ar \$3 each or 4 for \$10.

- NORSP- Mike, announced Joplin Hamfest, 25th annual, Fri and Saat 08/22 and 23 2014. In Hammond Trade Center in Joplin, MO Admission is \$6 in advance and \$8 at the door and includes both days. Tables are \$10, commercial table is \$40. For more info www.joplin-arc.org and can register for tickets. Expect 230 or more tables and lots of vendors. Burger or Brat and fries for \$5.

- N9NJS – Lee announced in Highland IL there is a new repeater and would like to get tests from the area, 443.125 and 103.5 PL. Good profile on UHF.KC9LIB is the call for the repeater.

- WA0LIS – John announced Our club meeting is Thursday night at And3erson Hospital in the basement of the physicians building. Meeting starts at 6:30 PM then after the meeting we usually go to the Red Apple restaurant for the meeting after the meeting and dinner.

Short Time Check-Ins

- KC9YFV, Ray in Maryville, MO Putting earpiece in ear to listen to the net while watching the ball game in the other room.

- KC9MDC Jean in Edwardsville, Good evening Net. Staying in the Air Conditioning and staying cool. Went to the library today and it was a hot walk.

- KC9CFY, Jeff, Granite City, IL, Just checking in for the numbers.

- WA0IYY, Ken in Fenton, MO, Good evening all, nothing to report except keep eyes and ears open for the RT-66 Spec Event. More info coming in next few nets. Part of Dent County Raiders may be helping run it this year.

- KDOMAD, Ralph in St Louis, MO, Just listening to net and taking it easy while setting up sprinklers in his lawn.

- WA0RRZ, Ken in Bridgeton, MO, Good evening all, Not much going on. Picking up a lot of tomatoes lately. Nice net and thank you for NCS'ing.

- KG0TR, Hank, He had about 7 QSO's and got a contact in New Hampshire today.

- KC9QAE, Bruce, Just got back from eating, is at work, going home to take a nap before going to bed.

- WA9KJV, Larry, He will be back but going to miss a lot of net tonight.

- KDOUYK, Just short time while relocating in the River DesPare river area.

- KA4RUR, Fred, Good evening all, was here this evening so giving one for the count, plans going to St Charles hamfest.

Marty says Echo-Link check-in,

- ADOCE, Steve in Arnold just checking in for the count on Echo-Link

Regular Check-Ins

- WA0KUZ, Jim, good net going tonight, everybody sounds good. Hamfests coming up sound like fun, looking for a good HF rig at them. Everybody have a good evening.

- AA9KC, John, Wants to ask Frank Can I give him the phone NR for W5YI. If he bought a table at the hamfest does it include everything on the table? Just got his radio back from Kenwood East, realigned, new memory battery, reset the multi-purpose knob and brought it up to Specs. It was his TS-570SAT.

- KC0ZIW, Pat, Near but not on the I170 overpass. It appears that the mention of Rick, WOPC as an instructor who also instructs Hams is probably running the only classes in the area for higher than Technician license. That class is one of a kind., He even does handi-ham classes. Pat forwarded the handi-ham material to him.

- AA9KC Comment = adds to what Pat said, when he wanted to take his extra class test, the only place was Monsanto Radio Club. At Olive and 44. They gave all kinds of different tests and John took his from a tape recorder.

- KC0ZIW Recheck, long ago Pat had the opportunity to take his test orally from Rick and the VE team. They did it then and do it now.

- KA0SOH, Donn, listening to the net. Keeping in touch with his east side roots. Would like to rejoin the Egyptian club but the travel is just a bit too much. Congrats on how you guys hold these nets together. Doing a good job.

- N0AFT/9 Mobile checked in. On his way home, he is on 143 or the "Berm Road". Enjoyed the rain this morning. When he was a VE he never gave one of those Handi-Ham exams. Thanks for mentioning it to Pat and John. Hopes for a little more rain tomorrow without any floods etc.

- K7RMJ, Finished painting the house and installing new windows. What a chore.

- N9PPJ, Marty says no more on Echo-Link, Marty has a RAIN report for tonight 12 minutes.

- N0RSP, Mike not much to report. Enjoying the good weather. He got out today and voted in the MO primary. TO AA9KC, he has a copy of the club newsletter for John, also has one for Nolan KA9VKC. Mike will call John tomorrow. Talking freq 147.210 no PL tone for the Joplin Hamfest, I-44 Exit 18 for the hamfest. Looking forward to seeing all at the meeting Thursday evening.

- N9NJS, Lee, Says Bill is doing a great job, we will make a NCS out of him yet. Also W1AW New Jersey and Vermont are on the air tonight. 80 and 160 bands are going hot and heavy tonight. He had a good time at the Hamsterfest. He is thinking about going to the St Charles fest but not sure yet.

- AD0JA, Jacob still on freq on Echo-Link in Wright City, MO, will see everyone at the St Charles hamsterfest. Working some JT65 on 40 this week. Worked both NJ and VT W1AW this week.

- WA0LIS, John, The official vocation here is Lost In Space. Good to see all at the Hamfest. Comment to Pat, he has given exams to several handicapped folks as a VE and the teams are all supposed to be able to do that. We had one here about 2 months ago at the St Claire meeting a blind guy took and passed the test. He won a 20 Watt dummy load at the Carlinville hamfest. It is meant for use with a QRP rig.

- WA9KJV, Larry, no response

NCS is turning it over to N9PPJ for the Rain Report and because it is 9PM NCS turned the net free and let Marty run with the RAIN report.

RAIN report was played after the net beginning at 9:03 PM

08/19/2014

Net began right on schedule at 8pm local time in St Louis, MO.

Net control Station is Lee, N9NJS

Emergency Traffic = None

Special Announcements = None

- K7RMJ - SLSRC announces Ward Silver as guest speaker for the Friday meeting Aug 22nd

N9NJS – Be sure to check out the w1aw was stations.

Short Time QNI =

- N9ADJ, Ron near Alton, out in the country, hopes you can hear him, NCS says great signal solid copy, Okay, like to announce he is starting a UHF net 442.775 PL is 123 it is on the K9HAM web site it will show the pl TONE. 9PM on Sunday night. As see what kind of coverage and participation they have. Supposed to get really hot tomorrow.
- KC9MDC, Jean in Edwardsville, Just checking in to give one for the count. Enjoying the weather today.
- KD0CIV, Dolores in St Louis City, Good evening all, first time check-in. She heard about it from Bill WA0JCO.

- WA0IYY, Ken in Fenton, Good evening net, nothing to report. Reminder Route 66 on the air Sept 5th through the 14th. Some locals will put W6P on the air and more info will be available as we get closer to the date.

- WA0JCO, Bill, Wonderful evening to everyone, a wonderful Hot evening., Thanks to Dolores for showing up on the net. Not much going on at Bill's, got the room painted and a little touch up. Next is wood staining and closet construction and lots of other fun stuff along with opportunities to make sanding dust and spill things. He is remodeling a room. Good to hear Jack on tonight. Bill does not know if the plastering is done yet on the clubhouse job.

- WA0RRZ, Ken, in Bridgeton. Not much going on, did a little yard work today. Thanks for the net and Lee doing a good job as NCS. 73 to all.

- KC9KY, Jack, He is a mixer of Mojidos. Good to hear everyone on here. Regarding the 442.775 repeater, that is the tower just east of the Winterfest facility. It a stacked 8-bay folded dipole tower. If you get on the repeater with the wrong PL tone it comes back and tells you the correct PL tone. The correct tone is indeed 123. Neat stuff. Really appreciates Ron starting that net. What time is that net?

NCS says that repeater has great coverage. And little utilization.

NCS called for N9SWR and asked if he wants short time or regular.

- N9SWR, Ed says short time, it is gonna get hot, drink plenty of liquids and stay inside.

NCS mentions that Ed is a very good volunteer for the local Air Force MARS operation.

Another call for short time QNI

None noted

Echo Link QNI

N9PPJ says yes there is N9OQK, Bill and AD0JA, Jacob

- N9OQK, Bill says not much to say, just wanted to check in and let folks know he is out there. Yes it is going to be hot, humid and it is real good to be regular LOL.

- AD0JA, Jacob says Good evening to the net. He was getting some tropo ducting into the repeater this morning but not real good. Good thing about the warm temps is that we will get some tropo ducting. SLSRC meeting 7PM at the MO Baptist Hospital, he repeated the Special Announcement by K7RMJ. Also, the KS QSO party coming up this weekend. 9AM to 9PM Saturday and 0am to 3pm Sunday. Hopes to hear a lot of people working the QSO party.

Regular QNI

N9ADJ recheck = the net on Sunday starts at 9pm on Sunday night.

- N0TOP, John in Kirkwood, Hopes everyone has good and safe weekend, and thanks for running the net.

- AA9KC, John, Good evening to the net, He mentioned something that Bill said, he said something about sandpaper. Many yeears ago sand paper is made from glass and glass is made from sand paper.

- WA0LIS, John in New Douglas, first, hot weather, John takes diaretics now and his heat tolerance is about 10% because he is dehydrated all the time now. Also for Kenny, John got his 160 Meter antenna working great now. He is about ready to play it now. Thanks for the instructions on it. He has been listening on 160 and on the (BC) Broadcast band and he is surprised, He says the BC stations at night sound terrible and he has trouble hearing them. But he can hear the ham stations very well.

o KC9KY says it is because of the bandwidth difference. BC is very wide and SSB is narrow. Night time is when the directional antennas are fired up on the BC band, Not all stations are omni-directional at night, only a few.

WA0LIS recheck, he doesn't know about them BC antennas but years ago on his way home from work, he would listen on his car radio he would receive New Orleans, Dallas, Chicago and just about any of the long distance BC stations. Night time propagation is very interesting. He used to listen to the old radio programs when camping out with the Scouts.

WA0IYY, Info, Thanks for the info to John on your antenna, they build two of them and rather than rotate them he would flip between the two that were 90 degrees from each other.

- N9PPJ, Marty says he has a RAIN report this evening, a longer one at 17 minutes about WWV and the sun. NCS asked for a run down on the repeaters for the new guys listening. Marty says they can check the web site www.w9aiu.org. We have 146.76, 146.790 127.3 PL, 442.400 127.3 PL and a 220 repeater. Plus the club sponsors a APRS digi-peatear in Edwardsville.

- WI9X, Jim in Caseyville, Good evening all, OCUpole of quickies for the net, thing about it listening to LIS and JCO, for those who play with Facebook and listen to AM BC band at night, there is a page on Facebook called I-LOVE-AM-RADIO. Coming up on Saturday at 11:30 drop by the Dandy-INN in Fairview Heights. 54 eats to 159 south to hiway 50 (Lincoln Trail) at the mall and turn left, go about a mile and it is on the right.

AA9KC recheck, does anyone out there have a Kenwood TM271A 2-meter/440 radio?

No response.

- KC0ZIW, Pat, Good evening net, near but not in the 170 overpass over St Charles Rock Road. He has had the pleasure of meeting Ward Silver one time at the Mississippi Valley DX club meeting. He talked about a DX-pedition, interesting stuff. Other things, AM BC band has always been onbe of his favorites. He has encountered on AM BC, back when we had 50KW clear channel stations we didn;t need so many directional arrays. One popular stn in Ontario, another one was in Netherland Antillies. It's a lot like having short wave on the BC band. He picked up a travelers information station located in Dallas running just 10 watts.

Another call for regular QNI.

None noted

NCS turned the net over to Marty N9PPJ to run the RAIN report at 8:58 pm.

Aug 15th 2014 RAIN report.

National institute of Standards and technology time transmits 2.5, 5, 10, and 15 MHZ and there are 3 of them to set millions of clocks.

WWV transmits solar reports at 18 minutes past the hour on WWV.

In 1996 W6RQ, Al was interviewed. Sun spots can be seen through a filter. The filter on his telescope passes 13 millionths of the light generated by the sun. Possible the largest spot seen is 200 times the size of the smallest that can be seen. We get a 27 day cycle of the sun spots. Spots appear first on the east edge of the sun. They always seem to be born on the far side of the sun. It takes then 27 days to go around the sun. They hold up the solar flux. It is heard on 2695 MHZ.

Continuously running magnetometers measure the solar lines from the sun. They are calibrated in 'K' numbers. The highest K figure is 9 and the lowest is 1. The K index is usually at 2, 3 or 4. If you get a K of 0 or 1 it means very low noise. The K figure is good for the previous 3 hour period. And it is a maximum reading. The A reading is an average.

“The speaker went through what all these figures mean and this log keeper got lost in it and could not get it all in the log.”

C flares are little and X is a large flare. They are the X-ray intensity from the sun. The flares effect our ionosphere by moving them around because the solar flares disturb the geomagnetic fields of the earth. If the fields are nice and smooth then propagation is pretty smooth.

As the sun spot cycle goes from lots of sun spots to few of them the higher HF bands change. Low sunspots mean usually poor propagation. However, you will get propagation during low sun spot periods just not many of them.

Wow, that was a lot of high level information. See www.therainreport.com for more information on this and other RAIN Reports.

NCS called for late QNI

WA0KUZ, Jimmy, Oh boy, relaxed during the net and almost missed it. He is checking in for the count. All kinds of good info. He is fascinated by the 60 KHZ atomic clock signal. Good net and thanks.

AD0CE, Steve in Arnold, just checking one for the count.

NCS announced everyone can check into the ten meter net 7pm on Wednesdays on 28.420 MHz.

Net was closed at 9:21 pm

08/26/2014

Net began at 8 PM St Louis time

Net Control Station WA0JCO, Bill

Emergency Traffic = None

Special Announcements = K7RMJ =

Sat Oct 25 7:30am to 12:30 pm October Halloween Hamfest

KM9O = On 20 Sept, Saturday, will be a dry run of the IL QSO Party and we will be working the Wash QSO Party. Plan to put up the giant V-Beam and point it at Washington. 9 am to whenever (4 pm or so) at Pleasant Ridge Park in Fairview Heights, IL.

NCS called N9PPJ, no echo-link QNI at this time.

Short Time QNI

- KD0CIV Dolores, Good evening all. Doing fine here. A little rain this afternoon and it cooled things off a bit. Humid though.

- WA0RRZ, Ken, He has good signal tonight. He doesn't understand why his J-pole is directional. Thanks and good evening all.

- KC9MDC, Jean, Edwardsville, Good evening all, still hot there, she stayed inside all day. Just checking in for the count.

- WA0IYY, Ken, Fenton, Good evening all, listening for a bit then out. Reminder that we are getting closer to the RT-66 event. We will operate W6P from the Rt-66 State Park. More details as we get closer to the event and remember the IL QSO Party in October.

- KB9ARW, Mike, Edwardsville, Good evening all, cooled off a bit from the rain but going to be humid tomorrow. Good week so far. We had a new Ham net on 442.775 at 9pm on Sundays. K9HAM net. Please come on down and join us on that net Sunday evenings.

- N9NJS, Lee, Just going to say howdy and one for the list. Still balmy and steamy there. W1AW/1 and W1AW/7 is on the air this week, AZ and Maine. They have been on for 1 hour and 11 minutes so far.

Echo-Link QNI

Regular QNI

- K7RMJ, New rig in the shack, New toy and loving it.

- KM9O, Dennis, not on

- N9PPJ, Marty, he has RAIN report about a 12 yr old Ham that has written applications for smart phones APRS apps. He also built a computer to deliver bags of potatoe chips in an office. One echo-link checked in, Donn KA0FOH is on echo-Link now.

- KA0SOH, Donn, on Echo-Link, Good evening all. He will be here throughout the net tonight. Rain did cool things down this evening. AA0JA, Jacob is also checked in on Echo-Link tonight. Donn is interested to find out if that is Sister Dolores that checked in. Been a wonderful week and he is glad to be here. Back to net.

NCS says nope, Dolores KD0CIV is not Sister Dolores.

- ADOJA in Wright City, MO. Good evening all. Some good Tropospheric ducting events over the weekend. Got into N of Chicago and some other areas. This SLSRC 2-Meter simplex sprint coming up Saturday, this weekend, on 147.420, 147.440, 147.460, 147.480, 147.500, 147.520, 147.540, 147.560. 2 meter FM only.

- WA0KUZ, Jim, missed him. He was not there when called. Hope he is okay.

- WA0LIS, John, out on the farm near New Douglas. Yesterday afternoon he finished mowing the lawn. His nose is now fried. He has been sitting in the cool basement listening on the AM broadcast band lately. KMOX is very strong in the area. He has learned some new things and will send Jason some things for the newsletter. He noticed when using his Kenwood, using lower sideband mode he can get rid of some of the cross talk and other noise. He could hear some carriers in there. Interesting to observe on multiple station signals they make a funny noise from the carriers beating together.

NCS Bill says he uses his 160 Meter antenna for DX Broadcast listening.

- WA0KUZ checked back in, Rain thunder, lightning and out went his electricity. So he called and they got it back in a couple of hours. They said 331 customers without power. He listens to AM stations at night and they are almost all talk-radio. They used to be music stations. He uses a ferrite antenna on an old radio. Good net and thank you to NCS.

- AA9KC, John, near but not in Horseshoe Lake. Asked Frank if he lives in a questionable area now? Frank says not a problem in the area. He bought a new radio today a TMV_710A a true 2-meter/440 radio. He has an almost new TS-590 for sale. He has only had it a little over 4 months. He is amazed on how fast they get the radio to you. His neighbor tried to cut his grass this evening but the grass was too wet. He needs to find out more suitable info on putting up two 10 meters antennas and phase them. Also does height make much difference in a loop antenna or are they effective at any height?

NCS says a loop is resonant or can be random length, and they will tune everywhere. Height above ground never hurts. But Bill's loop is 30 feet max and only about 22 or 25 feet average.

John says he needs specific info on phasing them.

- KC0ZIW, Pat doubled with John's last comment due to confusion on the net from stations not listening to NCS. Pat talked about broadcast stations and where to find them. He also mentioned how to phase and tune vertical antennas for John.

NCS says one thing about a loop antenna is that you want as much area enclosed inside the loop as possible but in the real world you cannot always make a circle so just put up as much area as you can and go from there.

- NORSP, Mike, St Anne, Hopes his sig is not noisy this evening. Not doing much, just sticking around trying to outlast a new medication he is on but he quit because of the side effects. Last week on the way home last Tuesday, he was talking with someone and completely forgot about the net. On the 2-Meter simplex net he emailed out everybody on the club list for the Egyptian club, the email explains the rules, points, frequencies etc. The net is this coming Saturday evening. Hopes everyone enjoys it.

Call for more QNI

- N9ADJ, Ron, Good evening all, in Fosterburg Township this evening. He is fighting beavers to keep them away from his trees. He only got a drop or two of rain, mostly clouds and wind. He has question for the net about full wave loop antennas, coax versus 450 feed line, which is better? Also on 442.775 123 PL every Sunday night, new net, Ron invited everyone on this net to join them on the Sunday night UHF net.

WA0LIS, recheck and NCS asked him to field the question about the loop antennas. He says for the phased vertical antennas, height is very important for local signals, they are line of sight. The distance you can use them is proportional to height. For skywave propagation it is different. Feed lines, for loops, 1005 divided by freq in MHZ to build a resonant frequency loop antenna. The loop has an impedance of about 100 ohms so you do need a match. You can match it with a ¼ wave of 75 ohm coax then ¼ wave of 50 ohm coax or use a matching network (commonly called an antenna tuner).

NCS says he would use 450 ohm ladder line and a tuner so you can tune it on all other bands and that is another reason to use random length for the loop wire length.

- KA9VKC, Nolan, It's the heat, man, it's the heat. Yes LIS is right. For another reference, page 32 will give you a sketch for phasing antennas. Nolan sent off for another 2 books and not arrived yet. ADJ says there is a new net and they are there and hopes you all join them. Nolan dropped out for some reason. Perhaps power failure? Then he came back on. His batteries dropped out. He says look at page 32 in the Bob Heil radio book.

KC0ZIW recheck, Pat is thinking that AA9KC asked last week about why 75 ohm coax is used to feed a pair of 5/8 wave verticals. It is probably a matching section.

NCS asked Marty to run the Rain Report at 8:55 pm.

The RAIN report. The 2014 youth forum at Dayton was a big hit. KJ6LXV was one of the speakers. Rojan. Is 12 years old from Cupertino, CA. He is unusual, he claims HTML is his first language. He builds robots as a hobby. He built a robot capable of delivering bags of potato chips to the others where he worked as a summer intern.

He was born in OH and moved to Calif when he was 2. Smart phones are powerful even without connectivity. They are the gateway to ham radio for the next generation of hams. Ham radio is over the air. He thought to add the smart phones into ham radio. Two things. He created QTC app. That sounded a bit out of date. It was for sending telegrams. He uses the app to send text and ham radio messages. He used blue tooth to send tones to and from ham radio. He was using ham radio instead of internet to send and receive chat messages. It uses tones to send and receive the text. Blue Tooth APRS text messaging over ham radio.

Blue tooth is cheaper to use because it takes less energy. You use blue tooth to send messages from the text messaging on the smart phone to the ham radio blue tooth enabled radio equipment. He says you get acknowledgement for receipt of the messages and it does APRS at the same time. Some things require a phone call but not everything is that urgent. This is perfect for it.

RAIN report finished at 9:05 pm.

Marty ways when he was 12 years old he was still sticking fire crackers in tin cans and a pan of water to see how high they would go.

NCS closed the net at 9:06 PM and thanked everyone for checking into the net. Without all the folks check in we would not have a net. It was a very interesting net.

09/02/2014

Bill, WA0JCO, volunteered to do NCS tonight if Frank, K7RMJ, would take net notes tonight. (Frank agreed rather quickly before Bill could change his mind)

Net was started at 8:00 PM St Louis time by Net Control Station WA0JCO.

Emergency Communications = None

Special Announcements

= K7RMJ Special Announcement = This Thursday, 09/04/2014 is Club meeting at Maryville Hospital 6:30 PM

= **WA0JCO** On Friday night at 7pm local time RT66 on the air will commence and will run until Sunday 09/14/2014. There will also be a special W6P station and special QSL for those who work the station. QSL requests go to WA0JCO.

Also the W1AW WAS operation will change states tonight

= **KC9YFU** - Let everybody know he will be operating a RT66 station W9M on 40 or 20 Meter band and will be on Rt-66 in Gillespie, IL. QSL info go to QRZ and look up W9M for QSL

= **N9NJS** - The next W1AW is TN and OR.

Short Time QNI =

= **KC9ZCA**, John, Good evening everybody, adding one for the count.

= **KC9UER**, Dennis, Hello everybody, very scratchy signal.

= **KC9MDC**, Jean, in Edwardsville, got out today and was not too hot. She stays inside when it is really hot. Good evening all.

= **WA0RRZ**, Ken in Bridgeton, He says good evening all. Glad of the fair weather today so he could clean up the debris from last night.

= **KC9YFV**, Ray in Maryville, Doing great and good evening everyone. Looking forward to the ten meter net tomorrow evening at 7pm 28.420 MHz. Will listen to the ball game while listening to the net.

= **KD0CIV**, Deloris in St Louis, Good evening everybody. Just checking in.

= **WA9KJV**, Larry, Wood Worker Exztrordinaire, He is mobile and on his way home from dinner. Checking in for the net. He hopes to have news about the club room at the meeting on Thursday. He went to Red Lobster for dinner, had Lobster, crab and shrimp plus a Margurita.

Echo-Link QNI = Marty says one station waiting is N9OQK

= **N9OQK** = Bill, had no audio so he was skipped for now

Regular QNI =

= **K7RMJ** - Talked about his new HF radio and the SDR dongle

= **KC9YFU** - in Gillespie, The W9M is in front of his business. His regular QSL has a station on the old RT-66. He used to live ON the old RT-66. Has a lot of history on it. It will be a fun week on the air for him.

= **N9NJS** - Lee, same old same old. Chasing the Tennessee W1AW. New one for him is KC4AAA will be down at the3 south pole for a couple months. K1IED is the QSL manager for them. He should be on 17 Meter and 20 Meter phone. Lee worked W1AW in TN and OR this week.

= **N9PPJ** - Marty, He has a RQAIN report for us tonight almost 20 min long. Has to do with Emergency Service. Two Echo Link stations, N9OQK and ADOJA, Jacob in queue on echo-link.

= **N9OQK** - (again), Bill, He has audio this time. The first time his computer came back up with no mike input. Had to reboot. Reminds everybody that now Labor Day is over, watch out for the kids going to school. Had a block party over the weekend, had a dry day until last night. It was very interesting last night. Looking forward to the meeting.

= **ADOJA** - (echo-link), Jacob, Located in Wright City. Conditions were great last week. Good evening all. Not real good conditions the past week. Oh HF there was discussion, W1AW is on 15 meters tonight if anyone needs him 21.085. Looking forward to the RT-66. He will activate W6P from his home station. Running from the 5th through the 14th. He also has one of those little SDR radios. They are very handy. They cover 21 MHz up to 1200 MHz. 73 to all on the net and see you next week.

= **WA0LIS** - Good evening all, he has a list of things. First nice to hear John ZCA back on net. He is back on 2nd shift now and taking Physics at school. Next the weak station was KC9UER was Dennis who has had trouble with his radio and traced it to his antenna and feed line. Also John has one dongle left. If Pat comes back on John would like the call of the station in Schrevport. Also John is an ARRL VE so if anyone needs Centennial points he is available.

= **AA9KC** - John, Bu Horseshoe Lake. He has a few things to ask about. First, at the beginning Bill said the PL was 127 but it is 143.3. He asked if his radio sounds okay, NCS sounds it sounds great. John bought a new VHF/UHF radio and has been transferring frequencies all day and the CTCSS frequencies. He is only half way done. His question is, half of the frequencies he has he cannot key up the repeaters. Not on the new radio or the old radio. He is left out a bit due to he does not have a computer. Is N9OQK, Bill, our club president? He says the menus in his new radio are complex. Audio, Transmit, repeater and other menus. Very confusing. Also, the announcement, he didn't understand what was going on Friday.

= **NCS** says no problem, he can repeat, N9OQK is Bill the president but we don't want to talk about it for fear he might quit showing up to run the meetings. Next, on Friday is the beginning of the RT-66 special event. The sponsoring club is in California. There will be W6B through W6Q which will cover Los Angeles through Chicago plus there should be one or two rovers wandering around out there. St Louis Amateur Radio club has W6P, W6Q is in Chicago, W6O is in Lebanon, W6N is in Joplin and works its way out to the west coast. Starts Friday night. RT-66 terminated in Santa Monica. The station in Santa Monica used to be W6A but they seem to not be on the air this year. We will be about 200 ft off RT-66 this year.

= **KCOZIW** - Pat, So many questions and so little knowledge. WAOLIS the answer is KWKH at 1130 KHZ is the station in Shreveport. Right on top of KMOX and it takes 400 miles to get away from the splatter. John asked about programming that radio. The most likely thing is that the repeaters have either gone off the air or they changed PL tones. He used to have a repeater directory but the guy who ran the web site quit so Pat no longer has access to it. Pat wonders where the RT-66 State park is located.

= **NCS** says RT-66 State Park is along RT-66.

= **NORSP** - Mike, Good evening everyone on net. Not doing much today, practicing his loafing skills. He will be by to pick up Pat and John on his way to the meeting. He did something stupid last night when he got back from Collinsville and forgot to close the windows. Everything in the car was wet when he checked on it this afternoon. Hopes everybody else has been able to stay dry in all these storms lately.

Next round of check-ins:

= **WAOKUZ** - Jim, Doing good tonight, just checking in to say hi to everybody. Looks forward to net each week. Not much going on. Net is really good tonight. Thanks for the net.

= **Recheck - KC9YFU**, that radio club in California has a web site at W6JBT.org and FYI the station operating W6R is Bob Heil this year.

= **Recheck - AA9KC**, Remember the Oh God movie with John Denver, God made it rain inside his car and got pulled over, when he opened the door the water ran out and he told the policeman, "I must have left the window open at the car wash."

N9PPJ was asked to run the RAIN report at 9:50 pm.

The Speaker is the Emergency Communications Manager for the ARRL. Ham Radio operators are a diverse society. There are many opposing viewpoints. In Omaha there were many complaints about the Ham Radio community. Everybody should pay close attention.

To serve the Community. They are the speakers' opinions. He has 10 years in the emergency radio operations. The first responders during emergencies are the people affected. The whole community concept engages everybody not just the ham radio operators or the local responders. There is a LOT more to it than that. There needs to be partnerships with all organizations trying to help. Need to coordinate and work together. We assist those who are providing assistance to others.

Everyone in ARES, 2 Meter analog FM is changing. The number one thing we have to do is get on the air and use our frequency spectrum. We have to be there regularly and often. They are very valuable and if we do not use them we will lose them. There are several different sub communities in ham radio. There seem to be walls between them all. They have to be broken down and all of us work together. When all else fails. He has a lot of issues with that concept. It is a failure focus. Amateur is a group who comes in and fixes the mistakes of others putting together emergency communications. Do NOT be idle, get on the air. We do not just sit around and wait for something to happen. We need to be active ALL the time. We need more technical experts in the emergency communications area. We need the guys who can put together ALL the station components and make them communicate together.

The Internet, cell phones, web sites are the new means of communications. Neighborhoods are the new way we need to get it all together.

We have an opportunity here. We have 52 potential partners we need to get together with in the "whole community" concept. Communications is one of the disaster needs now along with food and water. We need things like charging stations, for phones, laptops, tablets. There is a push to "harden the infrastructure". This is one of the biggest changes in the last 5 years. Information overload. You are all recordists and journalists. Things go on Facebook, Twitter, etc. There is a flood of info coming in through social media.

There are over 700,000 licensed amateur operators. About 5 to 10 percent are going to be active in public service. 90 to 95 percent are not plugged into it. Amateur radio is set up as thousands of information gathering points. Only a handful are really active.

Information conduit are those who stay at home during emergencies. They can pass information about their local area. Make sure they have power, they can help their neighbors become better prepared in case of emergency.

Emergencies are our public face. Not winning DXCC contests etc. Diplomacy is number one importance. Amateur radio is a network and we have not been very good in providing the network. We need to leverage the entire network. Contesters are a HUGE resource during emergencies. They have VERY good stations. They have efficient operating habits. They have experience in keeping their butt in a chair for long periods.

RAIN report finished at 9:10 PM.

Thanks to Marty, N9PPJ for bringing us the RAIN report.

Net was then closed by NCS at 9:12 pm. **Thanks to all who checked in.** Without you we would not have a net. Reminder that we have a ten meter net tomorrow night (Every Wednesday) on 28.420 MHz starting at 7pm local time.

09/09/2014

Net began at 8pm Central time

NCS is John, WAOLIS

Emergency traffic =

none

Special Announcements =

K7RMJ = Watch for W6P crew operating the RT-66 event. They had some antenna difficulties and rain that forced them to shut down the operation early this evening but will be back around 10 in the morning.

Short Time =

KD0CID, Dolores in St Louis, Good evening all. Comment on all the lightening in south city, Glad they got it earlier in the day.

WA0RRZ, Ken in Bridgeton, Not much going on, just dodging the lightening and heavy rain

KC9MDC, Jean in Edwardsville, Not much today, not sure if it is raining at the moment. Just one for the count

N9ADJ, Ron in Salsaburg (near Alton?) Township. Got a little hail today about a half inch. No damage. Local net on 442.775 tome 123 Sunday nights at 9pm. They talk about ham related topics. Very interesting and hopes all can join.

KC9YFV, Ray in Maryville, Good evening all, a little short time stuff then back to the ball game. Likes to listen to the net while listening to the ball game.

NCS asked N9PPJ if there are any Echo-Link stations on line. No response.

NCS called for any Echo Link stations. None responded after a long pause.

Regular check-ins

K7RMJ, working the RT-66 events and having a ball with it. Also working some of the W1AW stations and a little DX. Worked into Bulgaria over the weekend.

N9PPJ, Nobody was on Echo Link. He apologized that he did not reply when NCS called him, he was on the phone at the time. Marty has part two of the RAIN report the net that continues the talk from last week about the hams doing emergency communications.

WA0KUZ, Jim, Good evening all, just got back from a dinner dance and is beat. Had a good time. Good net going tonight, he likes to listen.

WA9KJV, Larry, Couple things of interest. The club room is done so now we pick out the paint. W1AW, TX is at 7035 and running about 20 WPM. He has a visitor in the shack, who is ready to take the test but has not been there yet. He let the visitor introduce himself, His name is Keith, he just joined the club and looking forward to taking the test.

NCS welcomed him to the net.

KCOZIW, Good evening all from near, but not quite on top of, hiway 170 and the Rock Road overpass. He is thinking about stuff to talk about. One thing Frank said about AZ, reminded him about the time he made a 10 Meter long wire that didn't do well on 10 meters. However, he had an interesting QSO with a fellow in the desert who had lots of antenna restrictions. He managed to put a screwdriver antenna outside and made it perform with some kind of amplifier he built. He had a very good signal in the St Louis area. Pat says the antenna never did good on 10 meters but it did really well on 17 meters.

NORSP, Good evening all, Mike says he thinks NCS skipped over AA9KC and perhaps another. Mike is trying to find his prescription at Walgreens and after a week they still don't have it in. Mike enjoyed the meeting last week and the board meeting last night. The board did vote to do the Toys for Tots thing again this year for collecting toys for tots.

NCS says yes, oops, he did skip over two calls. He will call them now.

AA9KC, John says hello to the net. He thought something was amiss, anyway, he just wants to say hi and he enjoyed being at the last 3 meetings and meeting the gang in person. He enjoyed being a part of it thanks to NORSP and KCOZIW for the help. Last Thursday night he ordered Chili-mac at the meeting after the meeting and says it was the biggest bowl of chili-mac he has ever had. He says he wishes Jean would elaborate a bit more. He would like to hear more about her. John has one question, about the RT-66 event, is it strictly code and are they on all bands?

KA9VKC, Nolan, Hello John and the net. Oh boy, charge your batteries for tomorrow, there will be quite a light show and watch out for the water rising. Our fearless leader in Wash DC dedicated this month to emergency preparedness. Keep your eye on the weather. The weather center will have an open house here in MO. They have tours with Q&A sessions. The Thursday night meeting was interesting and the Board meeting was REALLY interesting depending on which road you were on. He says yes, the meeting room is getting there, slowly but surely. It is moving right along and now we can clean up and put the hardware together.

K9FUR, weak and noisy. Bob in Addison, IL, enjoying the net.

N9NJS, Lee, trying to contact W1AW on 30 Meters. He says to check out www.lightningmaps.org You can google it and get real time lightening strikes, and no charge. Also RT-66 group Bill and Kenny are out there working it.

More check ins:

Recheck by KCOZIW, The other half of his remark he forgot earlier. He was thinking that nobody mentioned the Oct 25 Halloween Hamfest. Look at the August Podunk Hollow News, right near the end has most of the information for it.

Another call for QNI, no takers.

At 8:37 pm NCS closed the net and turned it over to Marty for the RAIN report because NCS had to go away from the Mic and take care of something and was not sure he would be back in time.

N9PPJ played part-2 about more of the emergency communications.

RAIN can be found at www.therainreport.com

K11U, Mike is the ARRL emergency coordinator is speaking in this RAIN report

Hams should be good communicators but if anything, hams get criticized about not communicating good enough. He is concerned about long term viability of ham radio. In the Tuskaloosa Tornado a guy showed up in a red Corvette convertible. The car was the only thing he had left. He lost it all in the Tornado. NEVER EVER turn the spontaneous volunteers who show up. They may NEED to help.

Also, some of the guys have better stations at home than the emergency stations have. USE THEM. They will be happy to help.

Get the local community emergency organizers together, Red Cross, FEMA, local churches, fire departments, and any other community folks who want to be part of it. Meet for breakfast now and them.

The guys have an incredible mesh network going. We are hoping to get this technology developed for public during disasters.

Neighborhood information point. You have a tower? Your station may be an information point for the neighborhood.

Get the younger guys involved, they are all over the new social media. They will be bragging all over social media about what their local group is doing. It is great publicity for ham radio.

There are a LOT of tools out there to get the word out about what hams are doing during emergencies and disasters.

Social media is information overload. Use it to get the word out before, during and after emergencies. FEMA can set up an information social media page during disasters.

Know your hash-tags. If you don't know what they are ask a local 16 year old, they will know ALL about it.

Reach out to the contesters and the rag chewers. They will be needed and will surprise you at their communications abilities and skills. Not to mention their station equipment. It will give ham radio great publicity.

Build your social network. It is a fantastic way to get the word out. Don't be afraid to think outside the box to deal with those who object to working with the emergency groups. Be nice to them as they may have some amazing skills. If you were a jerk BEFORE you got your license, guess what? You are still a jerk after you get your license. Try tact and being friendly. The colleges with clubs are a great resource in their stations. It also helps engage an interest group that will stay engaged as hams as they get older if you get them involved. Approach the local special interest groups. We all know that wherever there are 3 hams there will be 2 clubs.

09/16/2014

Net was started at 8:00 PM by Net Control Station WA0JCO, Bill

Emergency Traffic = none

Special Announcements

= K7RMJ – Next meeting Oct, 2, 2014

=AD0JA, Jacob, There is also a ham around the area AD0AJ but that is not him. He apologizes for not making it on the net last week. Some tropo going on today. He did activate

= WA0JCO – Anyone who worked W6P at the State park thank you. 843 contacts, were off the air for a bit due to radio blackout from Solar flares, broken antenna and a little rig trouble but they did quite well.

= WA0LIS – John says He believes that Saturday is the next meeting of the Antenna Builders Guild in Pleasant Ridge Park. They will put up the Vee Beam and aim it west toward Washington State and use the Wash State QSO party as warm up for the ILL QSO party.

= NORSP – Mike says The end of October at Kirkwood Community center will be the Halloween Hamfest. October 21, 7am to whenever, \$4 tickets at the door. John will have tickets at the Egyptian meeting in October.

= K9FGO, John says Good to be on the net and nothing to add.

Short Time QNI

= KDOI NB, Brian, St Louis, Not much just checking in for the count, 73 and thanks.

= NOTOP, John in Kirkwood, Thanks Bill, everything is fine, They change states on the centennial thing tonight. Best 73 to all.

= KDOCIB, Dolores, Donnor Grove Park, Things are fine there. She says she listens in every morning while she is doing stuff in the kitchen in the mornings.

= KC9YFV, Ray in Maryville, Doing fine, good evening all, Cardinals game is on so he will be listening to that and the net tonight.

= KC9MDC, Jean, Good evening all, She is doing fine, got home a little while ago, went to Stonehill winery today.

= N9ADJ, Ron, Fosberg Township. Good Evening to the net. Check in on Sunday nights 442.775 tone 123 at 9pm. A little ham trivia, and lots of ham radio related topics. Also a Q&A session. Everything going well. He will be helping with the clubhouse with the painting.

Echo Link QNI, N9PPJ says we have one, AD0JA Jacob on Echo Link.

NCS says nope, it is not Camporee weekend, it is a work week for the Canoe guys, building a new canoe ramp.

= AA9KC, John, The water in Horseshoe lake is cooling off. He went dining at Bob's Ptomain Palace this evening and was almost asleep for the net. John says if he and Frank had combined our contacts we might have had them all. John

the RT-66 mainly on JT_65. He did about 85 QSO's there. He worked W1AW Portable, Over the weekend he had a Robotics competition, his team #1094 participated and they had 25 teams participate. ARRL Red Badges on the air event this weekend 7pm Saturday to 7pm Sunday. Good time to get the Centennial QSO points. 73 to all on the net.

Regular QNI

= K7RMJ, Worked the RT-66 party and had fun, worked 13 stations out of 21.

= WAOLIS, John did a little more listening on AM Broadcast DXing while the weather was still hot. Since the weather got cool he has been busting up the rest of the stumps from that tree. He got it finished this morning and got everything mowed. Now he needs another hobby to take up his time.

= NORSP, Mike says good evening all, not much to add. Been enjoying the weather. He met with Bill Bell Saturday afternoon at McD's over on 157. Good to see Bill and Linda again. He will be in town until Thursday. Enjoyed the visit. Saturday morning Mike volunteered to attend the kickoff of Toys for Tots at the Chiropractors office. They had live music, cake etc and they had an anniversary party. Mike is going to the neurologist tomorrow to get some resolution on some things. Looking forward to seeing everybody at the October club meeting.

= N9PPJ, Marty says he enjoyed seeing Bill W9BEL, and his XYL Linda. Marty has the RAIN report ready to go for tonight. It is 17 minutes long and originally broadcast in 1996 and is about how to apply for grants and free money.

= WA9KJV, Larry, Things are well. Bobby is coming along nicely. I got himself a 5KW generator MFG by Snap-On for \$500 brand new in the box. It looks great. He has not started it up yet but it looks good. Larry did not get on for the RT-66 event. Perhaps next year.

= KC0ZIW, Pat, First question, is that event a Camporee this weekend? Good news for the folks out west. It appears that the General Motors Wentzville plant is putting on a third shift and hiring 750 people. That is a REAQL good thing. To Mike, hope you and John and Pat can share transportation to the next ERC meeting. Pat asked if NCS jaunt this coming weekend is a Camporee or something.

asked, do the guys run 160 AM most of the time, when he hits the button for 160 on his radio it goes to the factory default, either goes to AM or upper sideband.

NCS says back when we were on ten meters, in the late 60's, we were all horizontally polarized antennas. Now days they are mostly vertically polarized.

= KD0YYG, Al, he is looking for an address for OE2WVM in Salsburg Austria. He worked him over Echo Link. The gent cannot put up an antenna and living in an assisted living facility and Al would like to send him a QSL card. He talked with him on Echo-Link several times.

NCS will try to find the address for Al.

= KA9VKC, Nolan, Hello Net and Hello BILL the BCS. On the 27th of the month is open house at the Bethalto airport. The new Highland IL hospital will have Ham equipment hf and vhf installed tomorrow. He hopes the weather holds out a bit longer. Remind all members to come to the meetings. We have a lot of work left to do on the clubhouse. Check your antennas before the weather turns winter, make sure all the connections and grounds are good. The new net, 775, is taking root but is getting there. For shortwave listeners, 5.110 MHz is looking for signal reports and QSL cards. They need the time you heard it and what the program was about. New QST is here and waiting for Nolan to read it.

NCS says he is drinking an old fashioned and eating a can of sardines.

= N9NJS Good evening all, he took a shower today. He is listening to Connecticut W1AW on the air tonight. W1AW/1 CT and /4 NC

= KC9KY, Jack, Hello Bill and Lee and all. Jack says he may wrap a pickled Herring around a sweet pickle tonight. He did a drive up to Litchfield, IL and stopped at the Harriston restaurant, they are the oldest RT-66 restaurant still in business. They have a plaque out front.

They have great deserts. Still trying to put together parts and pieces for the earthquake radio project. Looking for anyone who has a TAPR made a board called a BETCOM board. It took analog voltages and turned it into a digital packets and sent them along. That's all for now. He hopes he gets it together before John's farm land freezes over and makes it difficult to dig a hole for the barrel.

= K7RMJ says he might have something that might work, an old PK232MBX. Jack says he will look it up and see if it will work.

= WA0KUZ, Jim, good evening everybody, Not a lot going on there tonight. He went to Crawfordville on Sunday night. Jim loves sardines. He likes them on crackers.

= KIC0ZIW Recheck, To Jack, Pat thinks there was something in the ARRL Handbook he thinks there might have been something that might help. Try the 82 to 84 handbooks.

= AA9KC recheck, to Jack, question, He has a button on his new radio that says TNC. What does it do on John's 2-meter/440 radio.

= Jack says he thinks some radio's came out with a TNC build into the radio. And other radios are designed to be connected to a TNC. He says to ask Lee about it. Jack was looking for radios that have a TNC built into them.

= John says it is a Kenwood TNB710A.

= NCS called N9NJS and asked if there is anything to add to the GPS discussion.

= NCS gave the next call for QNI.

= NCS says There is a scratchy station kicking the repeater but not making it. Marty and John did not receive him on the input either.

= NCS says we are past the allotted hour for the net. We had 20 check-ins for the net. Thank you one and all. Without you we would have no net. Please make it to the Egyptian Club meeting on the 2nd of October and the October 25th Halloween hamfest.

Net was closed at 9:07 pm

Marty played the RAIN report starting at 9:07 PM

It is a replay from 1996.

A young lady Sheila, is talked about grants and raising money. As a teacher she has been in classes for 20 years. Any time she wanted anything special she had to get money for it. She received several grants for up to \$50,000. She says if you are a teacher, instructor or whatever. It does not matter because the grants all require the same info. Write them in regular terms. Don't try to impress anyone with high level flowery words. Write them in regular layman's terms. SAhe tells teachers when writing grants, postmark dates MUST be met. Do NOT be even one day late. The postmark dates are critical. Do NOT put in a lot of words that are technical. The people who read the grants are not technical. Don't say you wrote this grant because your boss or someone said you need to for advancement or whatever.

Call the State department and find out who is in charge of Grants and befriend them. If you are one of the first ones to jump in on a grant you have a better chance to land one. Call your congressman and ask for information on grants. You get nothing for first runner up. Some are taxable so be sure to include the taxes in the grant. Remember to use layman terms and do not try to make it look impressive because it will turn the grant issuer off.

Raising money without writing a grant. She says a mile of pennies is about \$844 dollars. She says the first week was difficult. Everyone was putting in pennies. The first week she reached over to lift the jar, she could not lift it. It is a good way to scrape up money with community help. One of the first graders brought in a red wagon and they put the pennies in it because they were so heavy.

Everything she does about Amateur radio is very popular with the public. They will respond to creative ways to make money.

(Perhaps get 10 cent) donations for every contest QSO worked by a club)

The international Space Station is very popular with teachers fund raising.

The RAIN report finished at 9:24 pm.

09/23/2014

Net Notes for September 23, 2014

N9NJS WAS NET CONTROL. QNI INCLUDING NET CONTROL WAS 17.

N9NJS REPORTED THAT W1AW PORTABLES WERE IN NEW MEXICO AND IDAHO THIS WEEK. THIS IS THE SECOND GO AROUND FOR THESE STATES. HE ALSO REPORTED THAT THERE WAS A CLASS M SOLAR FLARE JUST BEFORE THE BEGINNING OF NET.

WA0LIS TOOK NET NOTES.

AD0JA FROM WRIGHT CITY CHECKED IN VIA ECHOLINK. HE REPORTED THAT W0KE/R REPEATER WAS BACK ON THE AIR AT 146.73 AND USING A 141.2 HZ TONE. THIS REPEATER IS LOCATED IN BRIDGETON.

WA9KJV ANNOUNCED THAT THE BOY SCOUT JAMBOREE ON THE AIR SCHEDULED AT THE CLUBHOUSE WAS CANCELLED BECAUSE THE CLUBHOUSE WAS NOT FINISHED.

SHORT TIME CHECKINS INCLUDED K9FGO, KC9ZCA/9, KC9MDC, AND KD0CIV. ALL CHECKED IN FOR COUNT AND TO SAY HELLO TO THE NET. KD0CIV REPORTED SHE WAS WINTERIZING THE HOUSE. A COLD WINTER IS EXPECTED.

N9PPJ CHECKED IN AND SAID THAT AD0JA WAS THE ONLY ECHOLINK STATION CONNECTED. HE ALSO HAD THE RAIN REPORT AND NEWSLINE. HE PLAYED NEWSLINE AT THE END OF NET AND IT WAS ABOUT A GRADE SCHOOL TEACHER IN LISLE, IL WHO GOT HER LICENSE AND DID A CONTACT WITH THE CLASS TO THE INTERNATIONAL SPACE STATION. NOW THAT IS ONE HECK OF A FIRST ON THE AIR QSO.

WA0KUZ CHECKED IN AND REPORTED THAT HE WAS ALSO LISTENING TO FREEWHEELERS.

K9GTB REQUESTED A QSO WITH WA0LIS AND N9PPJ AFTER NET. A MEETING AT HERB'S HOUSE WAS SET UP FOR THE NEXT SUNDAY TO WORK ON GETTING READY FOR PUTTING UP ANTENNAS. ROCKEY,

N9SYB ALSO VOLUNTEERED TO HELP.

KC0ZIW ANNOUNCED THE HALLOWEEN HAMFEST. HE ADDED THAT WA0JCO WILL LIKELY HAVE ADVANCE TICKET AVAILABLE AT THE CLUB MEETING NEXT WEEK.

KC9YFV STATED THAT HE WILL BE OUT AT THE FARM IN MISSOURI NEXT WEEK, BUT WILL TRY TO GET BACK TO THE 10 METER NET. WE WILL LISTEN CAREFULLY.

KM9O ANNOUNCED THAT THE ILQP WILL BE OCTOBER 19 FROM NOON TO 8:00 PM. HE ASKED FOR VOLUNTEERS TO EITHER RIDE WITH AND OPERATE FROM WX9XVR'S MOBILE STATION OR TO OPERATE WITH W0JGC PORTABLE.

KD0INB, BRIAN IN UNIVERSITY CITY POSTED SOME ITEMS FOR SALE OR SWAP. HE IS LOOKING FOR A 2M MOBILE OR BASE AND HAS A POWER SUPPLY, A QUBEX 8 EL 2M QUAD AND A RH-70 ANTENNA TO GO. CONTACT NUMBER IS 314-502-8731.

N0RSP ANNOUNCED THE NEXT CLUB MEETING 10-2-14 AT ANDERSEN HOSPITAL.

K7RMJ FINALLY GOT HOME FROM WORK JUST IN TIME TO CHECK IN. NOW FRANK, YOU CAN READ THIS AND IT WILL BE JUST LIKE YOU HEARD THE WHOLE NET!

THE RAIN REPORT WAS PLAYED.

EGYPTIAN RADIO CLUB MEMBERS MEETING

DATE: 8/7/14

MEETING PLACE: Anderson Hospital Vending Area

BEGAN: 6:30 pm

PRESIDING: Bill Dusenbery N9OQK

OFFICERS IN ATTENDANCE: Bill Dusenbery N0OQK, Frank Shears K7RMJ, Mike Phillips NORSP, Mary Sundstrom KA9ZTJ, Bill Schmidt WA0JCO, Larry Unfried WA9KJV

- Treasurer's report was given by Mike P. and was accepted.
- John S asked the question as to whether the club had 501c. Mike affirmed that the club was.
- Nothing from the Secretary.
- Clinton T received the 3 laptops from Ameren. Motion made to Secretary to write letter thanking Ameren for the donation. Motion accepted and seconded.
- Repeater report was given by Marty S. 79 is still not functioning properly. Request to replace antenna. Marty has three Station Master antennas at his house and offered to use the VHF he has. Edwardsville Works is having a meeting and is requesting to move Club equipment and Club would like to use one of the existing mounts to replace antenna. Permission requested to start process and was granted. Two climbers will be needed. Keith is willing to volunteer and Chris (Mesh net) offered last meeting to climb Clinton reminded Club.
- Club is not needed for bicycle race at the end of August. SJ states Racing Association would prefer to use their own radios and volunteers.
- Pat was having difficulty getting into 76 today. Marty states repeater is on east side of tower and it faces east creating a "shadow" of the repeater.

Conditions do change also. Pat's signal did improve after the rain passed through.

- Board meeting will be held at new club room.
- Club room report was given by Larry U. one more skim coat required on wall that was leaking. It is now time to begin painting. Thanks were given to Larry for all of his work on club room. Computer desk was requested. Mary S has one available. Larry has one possibly two. Mike P also has one available. Once room is complete, antenna mounting will need to begin. A tower, a tripod, and club has a mini classic. Marty is willing to trade his full size classic for the mini classic. Club was agreeable to the trade. Arrangements will be made with John, AA9RT to pick up 10m antenna.
- Clinton T. brought up R. Sullivan's passing to silent key and asked if anyone had reached out to the family. Club requested Clinton to reach out to the family.
- Upcoming events- St. Charles Ham Fest and Joplin Ham Fest
- Bill S. new operator (Rich) has been on 76 and made a complaint that repeater was being used improperly by club members and has been informed that his "opinion" was not appreciated and that the repeater is available to be used by members and non members alike and that any misappropriations will be handled by the board.

The meeting was adjourned at 7:07 pm and the meeting after the meeting will be held at the Red Apple on HWY 159. There were about 10-12 people that attended the meeting after the meeting. A good time was had by all.

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.

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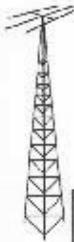
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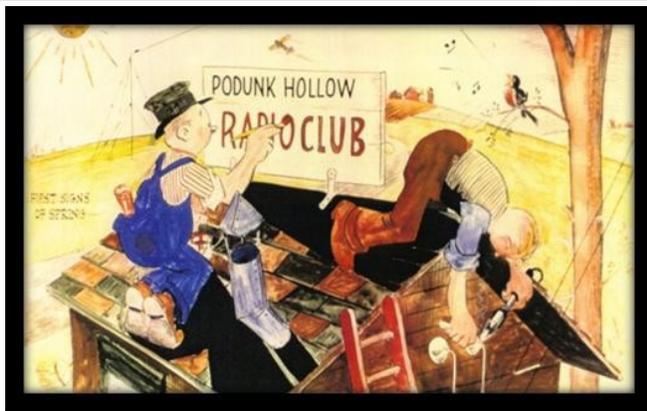
Announcements

WinterFest 2015

Saturday, January 24, 2015
at 8:00am - 1:00pm
Gateway Convention Center
1 Gateway Dr, Collinsville, Illinois 62234

Tickets \$7 in advance, \$8 at door.
Talk-in 146.760 (146.940 backup)
ARRL VE Testing 8:30am - doors closed at 9 for testing

Jim Glasscock WØFF or 636-584-8888
Bill Coby KBØMWG or 314-504-1104
slsrc.org or bcoby@att.net



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 October 2nd at 6:30pm at Anderson Hospital in Maryville, IL. It is in the Physician's Office Building. Check the display by the elevators for the location. 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!

Net Control Schedule

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 - newsletter@w9aiu.net

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

146.790 – PL 127.3 in Edwardsville, IL

224.060 – No PL in Edwardsville, IL

442.400 + PL 127.3 in Edwardsville, IL



EGYPTIAN RADIO CLUB, INC.

Post Office Box 562
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5, DIGIT + 4 DIGIT

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Are you a member of the ARRL? _____ ARES? _____ MARS? _____

Class of membership desired: **Full** **Associate** **Senior** (must be 65 or older) **(circle one)**
 \$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 ____/____/____