

# The Repeater

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**WX4BCA 147.285 + (131.8)**

*Amateur Radio Club of Butts County*



Jackson, GA



USA

Photo courtesy of Elaine Stachowiak



**Amateur Radio Club of Butts County  
receives Proclamation from Mayor Kay Pippin for  
*Amateur Radio Week in the City of Jackson - June 17-23, 2019***

L to R: Ken Wallis, President Elaine Stachowiak, Mayor Kay Pippin, Melvin Mosier,  
VP Nancy Phillips, Glenn Wyatt, and our liaison  
Mark Austin, Emergency Preparedness Manager at Sylvan Grove & Spaulding Regional  
Back row: City Council members Theodore Patterson, Don Cook, Lewis Sims, and Ricky Johnson  
and City Clerk Brittany Brown

*Nancy Phillips*  
Editor  
573-528-0697  
K4NEP@arrl.net

2 - June 2019 Minutes - KK4BKF  
4 - Why Become A Ham - KN4FRG  
5 - Whit's Wisdom - WX4VBX  
6 - EC Report - K3GWK

7 - Net Reports - KM4HOS  
8 - Survey report, Group.io Info  
9 - Nets, 'Did You Know?'  
10 - Calendar & Contact Info

**JUNE  
2019  
Vol 7, No 6**

**Amateur Radio Club of Butts County****June 03, 2019****Minutes submitted by D Ragon, Secretary of ARCBC****Meeting Held at Butts County Fairgrounds - Jackson, Georgia****Meeting Began at 1910 Meeting Concluded at 2015**

**Attendance at Meeting:** Elaine Stachowiak; Nancy Phillips; John Lipscomb; Chris Southerland; Jarrod Henderson; Ken Wallis; Rudy Williams; Melvin Mosier; Pete Acevedo; Mike Crowe; Dan Darsey.

**Office of Homeland Security/CERT: Director Glen Goens** No report; member not in attendance.

**Net Manager's Report: Ken Wallis** All four weekly Nets were held with an average of just under 8 voice check-ins per session. That average may increase by stopping by the Fldigi station on Field Day. Ken mentions that he is in need of a volunteer to be Net Control for June. Please consider volunteering, remember you don't have to be perfect the first time out of the gate, just trying. Ken also reminded everyone to keep the ARES Connect information up to date with your activities.

**VE Team: Dan Darsey** There will be a HamCram and VE session on Saturday, July 20, 2019 held at Fire Station #7. Study will begin at 0900 and testing will be at 1600. Dan reminded all VE volunteers that their assistance is needed. Dan noted that the testing information should be made available on the Local radio station as well as the newspaper.

**Repeater/Technical Committee: Mike Crowe** The situation at Sylvan Grove Hospital remains unchanged; still no administrative privileges; we can't save settings, etc.

**Skywarn Coordinator: Elaine Stachowiak** Hurricane season begins June 1<sup>st</sup>, check your preparations at home to be sure you are as prepared as you can be for storms in our area. Inventory your supplies and refresh anything out of date. Have any members checked in to the Hurricane Net frequencies; are you monitoring it? There is a potential system developing in the Gulf region so keep an eye on it.

**Hospital Team: Dan Darsey** Thanks go out to Dan Darsey, Ken Wallis and Glenn Wyatt for running the monthly Ga Hospital Net at Sylvan Grove. This month's efforts were frustrating as our Sound Modem program was not working; band conditions prevented hearing/checking in on the HF frequencies and even Web EOC failed to function.

**Public Health Department Team: Ken Wallis** All five weekly nets were covered and the new radio works great! Elaine said Buzz had taken her 911 Center badge away, so she graciously joined the DPH team. Ken shared that our new facilities at the Health Department are so small that the desk he works on does not even give him enough room for his laptop. He had to keep records holding the computer in his lap. The Department of Public Health Net/Team meets every Thursday at 0830; with the addition of Elaine Stachowiak there are now 7 operators for the DPH Team.

Ken is also working on obtaining a special call sign for the Department of Public Health station. Essentially Ken had to create a club within our Club. Elections were held resulting in Ken as President, Rudy Williams Vice President, Winford Barnes is serving as Secretary and Mark Clark is Treasurer.

Ken is considering K4BCH (Butts County Health) or K4BHD (Butts Health Department) as the special call signs. A comment was made by Ken Wallis: "And back to Sylvan Grove Hospital for a minute, the head of the team per week in order is: Ken; Buzz; Mark; Rudy and Darlene with Winford and Nancy as alternates". This is not clear whether it refers to the Hospital or the Health Department; clarification is needed.

**CERT Activities: David Ridgeway** No report tonight, member not in attendance.

**Field Day Committee: Nancy Phillips** See information contained in the Program Section.

**Membership Chairman: Nancy Phillips** No change in membership numbers at present. Mark Clark and David Benoist both have had recent back surgeries. Get Well cards were passed around for all members to sign.

**Public Information Officer: Buzz Kutcher** No report tonight, member not in attendance.

**EC Report: Buzz Kutcher** Buzz gave his report information to Elaine to share with the Club. Butts Co ARES has 28 people after losing 2 members last month. Five drills were held consisting of 43 man hours; 2 public service events resulting in 57 man hours and 1 emergency event took place comprising 35

**MINUTES** continued from page 2

man hours. That resulted in 8 events for the month of May and a total of 135 man hours.

**Treasurers' Report: John Lipscomb** General Fund \$1595.66 Repeater Fund \$2138.00 Total Funds \$3733.66 As of July 1<sup>st</sup>, 2019 we officially become ARCBC for the insurance paperwork, with a bit of housekeeping needing to take place with the ARRL, etc. Nancy Phillips asked if the insurance policy covered our radio equipment in the event we experienced a lightning strike or other disaster at Field Day. John reported that it should be covered.

**Club Old Business:** The scheduled mapping exercise of Butts County during May did not take place due to other commitments on Ken's calendar. After realizing that Field Day was the last weekend in June, Ken announced that there would not be any mapping exercise in the month of June.

John Lipscomb reported that the Hub has been completed for Field Day activities. He will deliver the equipment to Nancy Phillips and mentioned that he had plans to attend Field Day.

**Club New Business:** Nancy Phillips inquired as to where she could obtain a copy of the Club Charter. Dan Darsey said that Buzz Kutcher would be the best resource for that document.

John Lipscomb brought up the subject of the lack of assistance by administration at Sylvan Grove Hospital to install the needed web connections for our radio station. The same excuses have been told to us for around 2 ½ years. He would like to see the Club turn up the heat on the Hospital and give them a 90 day deadline to have the requirements met. John reminded us that the State has mandated that all hospitals have an alternate communications system for their use. The Hospital has continually pushed our needs to the background. Our Club has put in many man hours of personal time at our own expense to operate the station at Sylvan Grove. Hospital administration has done little to assist us with vital communication needs to help them fulfill their mandate. John suggested an ultimatum; provide our Club with the needed upgrades or we will take our service elsewhere.

A discussion followed as to where the Club might relocate to operate an ARES station for the State. It was suggested that members begin looking for a suitable location to place an antenna as we cannot raise the one at the Hospital any higher and the Hospital seems unwilling to help the Club operate, for free, for their benefit. This discussion was tabled to be reopened more formally as part of another month's agenda.

**Coming Events:** There is a Field Day prep day scheduled on Saturday June 8, 2019 at 0900 at Fire Station #7. This is to be sure that all computers used at Field Day are synched and have software updated for logging and such. Breakfast will be at 0730 at the Huddle House in the Shell Gas Station complex between Fire Station #7 and I-75.

Tech Saturday will be the following weekend, June 15, 2019 in the event we need to continue synching computers and other Field Day preparations. Otherwise there are several digital modes we can get further training on to be prepared for Field Day. Emails went out to remind members that on Tuesday June 4, 2019 Mayor Pippin will be presenting a Proclamation for Amateur Radio Week. Please be in attendance at 1900 at the Municipal Building in Jackson. Members that attended were: Elaine Stachowiak, Nancy Phillips, Melvin Mosier, Ken Wallis, Glenn Wyatt and Mark Austin. Mark spoke before the City Council and honored the Club for the many hours and the dedication we have given the Hospital and the Community. He further expressed his personal appreciation of everything our Club does for the Jackson/Butts Community and Sylvan Grove Hospital.

**Monthly Program:** The monthly program consisted of Field Day preparations. Our President, Elaine Stachowiak, noted that Field Day will be counted as one of our Quarterly Drills. She encouraged everyone to attend, sign in and get on the radio. Be a logger for an operator. We need as many members to participate as possible. The picnic has been moved to 11:30 Saturday morning before the start of Field Day officially begins. Darlene Ragon is in charge of food this year so expect a call or email shortly.

Mike Crowe reminded Club members that each radio will need to have a filter for whatever band they are operating on. He has sent an email to Winford Barnes for a final list of the equipment the CW operators will require and if the allotted antennas for their use is adequate. **Antenna set up will begin on Friday June 28, 2019.** Ken Wallis reminded everyone to study the digital modes and stop by the digital radio station for hands on training at Field Day.

Nancy Phillips has obtained a special call sign for Field Day use. We will use the call sign K4B and will be operating as a 4A station. Nancy is the trustee of this 1x1 call sign and has turned over the Control Operator position to Elaine, Winford and Jeff. This allows all license levels to operate during this event with our Club. There will be a posted schedule so there will be no questions as to how many people are operating at any moment.

**Raffle Funds Raised this Meeting:** Raffle funds raised tonight were \$ 46.00.

          D. Ragon, Secretary, Amateur Radio Club of Butts County

## WHY BECOME A HAM RADIO OPERATOR?

\_ JEFF PHILLIPS KN4FRG

The radio art has a distinct history starting in the 19<sup>th</sup> Century providing a means for people to communicate both locally and internationally. From the use of the radio art with military technology to radio broadcasts, radio quickly ascended as the most effective means of official communications throughout the early 20<sup>th</sup> Century. Amateur radio came into existence after Heinrich Hertz proved radio waves existed and an Italian inventor Guglielmo Marconi adapted them into a communication system in the 1890's. During this period this invention led to casual radio recreation, commonly now called amateur radio. Marconi started kind of a revolution leading to a sort of mania for amateur radio with thousands of transmitters set up by amateurs by 1910. So, why become a Ham radio operator?

Over time, radio communication has been largely displaced by newer technologies, like the common cell phone, the internet, and others. But, amateur radio (often called Ham Radio) still remains a very popular and useful hobby for operators worldwide - more than three million. Folks get involved with Ham Radio for many reasons. It is a magnificently diverse endeavor. It can be a fun technical hobby, a way to provide community service - be a volunteer, or an important facet of family emergency preparedness. You may enjoy the local on-air social community, the excitement of international radio contacts, or the challenge of operating from the field, park, or mountaintop with portable equipment. You may enjoy building your own circuits and antennas, experimenting with digital communication modes, or learning and mentoring others in their own efforts to become amateur radio operators.

If you did not know, Ham Radio is the original social network. One of the main attractions of Ham Radio is just communicating. Once the operator obtains a license(s) through the Federal Communications Commission, they now possess a means to communicate for free with a very large community across the US and abroad. It is common practice for operators to regularly tune their radio frequencies to attend a "net," the conversational term for a space to gather to discuss or talk with others. There are a multitude of nets, local, state,

and international ones that exist for general communications and others dedicate the "net" to a specific purpose like certain interests and/or public service. Many operators just enjoy making contacts with other Hams across the world and exchanging a "QSL" card, a written confirmation of their communication. Operators commonly talk to astronauts from the International Space Station - just a great example of how far the radio art extends.

Just being an amateur radio operator is an excellent way to provide community service. The social network side of Ham Radio is one of the many things that can attract an individual to become an amateur radio operator, but one important facet is the ability to serve a higher purpose as a volunteer. In times of crisis, many modern technologies for communications could fail due to tornadoes, hurricanes, wildfires, terrorist events, and many others. When this happens, the Ham Radio operator can step in to provide a means to communicate critical information to help those in need supporting several different agencies within the emergency services. Ham Radio operators can provide that critical link working with public service agencies as needed to assist in relief efforts during these disasters or other crisis. Amateur Radio provides interested operators a significant way to support their community, state, etc. through volunteering.

For many, the attraction to Amateur Radio is developing and learning new technology skills. Even though Amateur Radio emerged from Marconi in the 1890's, the hobby continues to modernly embrace the advancements of the digital age. Several operators often experiment with electronics, antenna systems, create new digital modes, and start a new means to communicate leading to its adaptation for use in our modern world. Operators now combine their radios with computers to communicate over radio frequencies to send and receive communications through a digital means - the Ham Radio operator version of free exchange of data or texting. It also still offers the opportunity for operators to go "old school" and learn Morse

**HAM OPERATOR** cont'd on page 5

## Whit's Wisdom

Whit Smith - WA4VBX

### Cardboard

What do you do when you use the last sheet of paper from the tablet and all you are left with is the cardboard?

Cut a piece of cardboard for the bottom of a glass vase, an ash tray, a bowl, a trinket, or a nick-knack and attach to the bottom with glue.

Cut a piece of cardboard about 3" in diameter. It can be used as a coaster for the workbench.

If you have to repair the cord on a lamp and the felt on the bottom is torn and not useable. Cut a piece of cardboard to fit and glue it to the bottom.

If you buy a lamp at a yard sale and it has no felt on the bottom, or the felt on the bottom is torn, then cut a piece of cardboard to fit and glue it to the bottom.

Several pads or tablets of paper were checked and the cardboard thickness were 0.018 inches, 0.026 inches, and 0.061 inches.  $1/32" = 0.03125$  inches and  $1/16" = 0.0625$  inches. 5 sheets of paper is about 0.016 inches thick. 10 sheets of paper is about 0.031 inches thick. Either the 0.026" thickness or the 0.061" thickness should do nicely. ♦

1.) **GENERAL LICENSE COURSE** - Beginning Thursday, August 1st, running every Thursday night from 6:30-9:00 PM, thru Sept 19th. This puts class out on Thursday before the VE Session [\$15] on Sat, Sept 21 (0830AM).

2.) **MORSE CODE I COURSE** - Beginning Mon following the VE session in Sept, and running every Monday & Thursday evening, from 7-8 PM, thru Nov 14th. This puts class ending on Thur, before the VE Session [\$15] on Sat, Nov 16 (0830AM).

Nancy 573-528-0697 or K4NEP@arrl.net to sign up.

**HAM OPERATOR** continued from page 4

code. A very popular skill within the amateur radio community. By the way, Morse code is not a requirement to obtain a license.

Ham Radio can induce your competitive spirit. From speaking with astronauts to learning Morse code, Ham Radio presents unique experiences to its operators. In addition to communication, public service, and learning opportunities, Amateur Radio offers a more competitive tone since the late 20<sup>th</sup> century, with the inception of "Radiosport," or Amateur Radio contesting. During these competitions, Ham operators (often associated with a station or Amateur Radio club) attempt to contact as many operators or stations as possible within a certain time frame. In the United States and Canada, one of the most well-known Amateur Radio competitions is Field Day, where Ham Radio stations demonstrate the versatility of radio technology, and attempt to contact as many stations as possible while operating in unique outdoor conditions. Similar competitions happen internationally too, giving the pastime a more competitive appeal.

If this article even slightly entices you to further investigate the world of amateur radio, then attend a local Ham Radio Club Field Day, the Amateur Radio 'Open House'. The Amateur Radio Relay League [ARRL (world-wide organization of amateur radio operators)] Field Day is the single most popular on-the-air event held annually in the US and Canada. Operators conduct Field Day on the fourth weekend of the June each year where more than 35,000 Ham Operators gather with their clubs, groups, with friends, or as individuals. Field Day could be a picnic, a campout, practice for emergencies, and an informal contest, but most of all, a FUN event. This year Field Day occurs June 22 and 23. The Amateur Radio Club of Butts County (ARCBC/WX4BCA) will welcome any and all Ham Radio Operators and most of all anyone with interest in learning more about the hobby. For those interested, but not in the local Butts County area, please visit the ARRL Field Day Locator site at <http://www.arrl.org/field-day-locator>.

The intent of this article was to provide a little information regarding the Amateur Radio Hobby and



# NOTES FROM THE BACK ACRE

\_ Buzz Kutcher, K3GWK



## Georgia ARES monthly report for May, 2019

Reported by: Butts County EC, Buzz Kutcher, K3GWK  
Report ID# 11693.  
Report submitted by: K3GWK, Buzz Kutcher - EC

Total number ARES members in your group is: 28  
Change since last month: -2  
Name of your Local ARES Net: Butts County Training Net  
Net Frequency: 147.285 PL 131.8  
Day of the week: Tuesday  
Time of the Net: 19:30 LOCA  
Total of Nets this month: 8  
NTS Liaison: GA ARES, GA SSB  
Drills, Tests and Training sessions: 5  
Drills, Tests and Training Man Hours: 43  
Public Service Events: 2  
Public Service Man Hours: 57  
Emergency Operations: 1  
Emergency Operations Man Hours: 35  
Misc Activities: 0  
Misc man hours: 0  
TOTAL ARES OPERATIONS: 8  
TOTAL ARES MAN HOURS: 135

**Comments:** MAY2019 – Monthly Training featured a presentation on the Henry County Library System's on-line services by Michelle Burnham, KM4PKD.

15 team members provided course safety communications for the Jackson Football Alumni 5K Race: W4DED, K3GWK, AK4EM, KM4HOS, KA8LAD, NI2Y, KJ4PLJ, KK4QJR (NCS), KW4AQ, K4NEP, KK4SUO, N4TZY, KM4PKD and W8XC.

Our VE team held a testing session, one candidate for the Technician test: VEs: W8XC, W4DED, K3GWK, K4NEP, N4TZY, KM4HOS and KA8LAD.

9 ARES members from Butts and Jasper counties took part in the 2019 Domino Down Exercise, staff-

ing home stations, the county's Health Department ham station, K4SGH at Sylvan Grove Hospital and the county's 911 Center ham station. Thanks to: AK4EM, NI2Y, W4DED, K3GWK, K4NEP, KW4AQ, N4TZY, KA3ZPM and KM4HOS.

8 FM nets were held during May (4 FM Voice and 4 FM NBEMS). 4 WL2K tests were held also.

### May Ham Hours:

Nets 58; Training 43;  
Public Service 57;  
EMCOMM Support 35;

**Total, including nets: 193 (Value \$4,854)**

Membership: Active 10, Deployable 13, Pending 5 (Total 28)

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**HAM OPERATOR** continued from page 5

hopefully entice a few folks to come and join in on the Fun and Adventure. The hobby offers opportunities to explore the many facets of communications, electronics, computing, experimentation, and of course, volunteering - supporting the community. Field Day is an annual event providing a great opportunity for those interested individuals to learn more about the hobby. If anyone would like to attend the ARCBC Field Day event please contact Buzz Kutcher (Public Information Officer) at [k3gwk@arrl.net](mailto:k3gwk@arrl.net) and/or Nancy Phillips (Club Vice President/Membership Chair) at [k4nep@arrl.net](mailto:k4nep@arrl.net). Another great source of information regarding becoming an operator is the ARRL's website <http://www.arrl.org/getting-licensed>. The ARCBC offers license classes and testing throughout the year for those with interest. The Amateur Radio Hobby is a diverse endeavor offering many opportunities to step in the world of communications, so, come join us!

-JP

## 190603 BCHD Report

The GOOD News is... we got chk'd into 5 outta 5 GA Health Dept Nets last month, and the new radio works GREAT!! Really made last months 'Domino Down' FSX a breeze for the operator cuz he could listen to the 911 Ctr NCS AND monitor the other GEMA District 4 stations (incl'g the D-Star stations) at the same time, WOONDUBAHHH!!

The BAD News is that it looks like the final replacement fer our old desk is smaller and although it'd work OK for just settin' up & operatin' the radio, it doesn't have enuf room on it for the logbook too, gotta put it on yer lap. Sooo... I'll be on my BEST behavior and try to talk to Krystle about 're-nesting' in her 'Activities' room, AFTER she and her cohorts in crime spent the last 2 weeks doin' the original 'nesting' in the 1st place. If y'all don't hear fm me for a few daze, pls send LAWYERS, GUNS, & MONEY (in copious amounts PLEASE).

One of our 7 BCHD Response Team (RT) operators chk's in every Thurs AM at 0830 to the GA DPH D-Star Net, so... if you're interested in helpin' us out over there, pls contact Ken, KM4HOS, for more details.

BTW, ALL the DPH RT operator's need to get on the internet and 'study up' on the IC-2820H radio so we can get everybody chk'd out on it next time they can get by the BCHD on a Thurs morning at net time. We have the 'Nifty' manual and the 'hard copy' manual on the new radio in the logbook, but we still wanna give all the RT operators a 'familiarization' run on it as soon as we can.

Oh BTW, BE CAREFUL how you handle the radio if you have to move/reposition it WHILE IT'S ON, if you press one of the buttons on the bottom of the front faceplate by mistake, and if yer like me, it could take you HOURS TO UNDO wut you did... trust me, ugghhh.

Thx fer yer support...

Ken, KM4HOS

yer friendly, neighborhood HD rep

## 190603 Net Mgr Report

We held 4 ARCBC Trng Nets in April, averaging 7.5 voice chk-in's per wk, 4 on MT-63, w/ WinLinks at 9 weekly. Slight decrease in voice participation, w/ digi & WL's remaining the same. Still need more participation on our digital modes to be able to perform adequately for an 'event' if we're needed. Maybe we can up our weekly BC Trng Net 'game' after some training/ practice at 'the digi station' during FD '19. Come one, come ALL to the 'digi-Varanda' just below the main pavilion on the front porch of the Rec Dept's Sports Equip Bldg, (bein' a 24 hr service, trainin & practice is still available during the 'WEE HRS' of Sat night/ Sun morning!!)

The ARCoBC still needs Net Controllers for our weekly net, I got May, but we still need volunteer NCS's for June and the following months. Don't be bashful, this is a TRAINING Net, and myself or sumbuddy else is almost always on the Net that can help you out if needed. The 'Preamble' (script) is posted on Yahoo & groups.io 'files' pages and I can send you my macros for FLDigi and show you how to use 'em (all fer FREE!!) Lemme know if yer interested.

Pls don't forget to keep your ARES Connect up to date weekly, daily if possible. Really appreciate all y'all's time & effort last month in support of Butts Co. HAM radio.

Thx & 73,

Ken, KM4HOS

**BUTTS CO EP SURVEY \_Ken Wallis KM4HOS****190603**

brought to you this month by 'Burnham's (ad hoc) Swampside Wrecker Service'....

Nuttin' to report this month as 'yours truly' wuz busy takin' care of other bidness (spell that - 2 almost 4 yr old twins, runnin' RAMPANT all over da Flovilla Hilton) Yup, I didn't have time to put all the survey site sheets fer Zone 8 together and git 'em printed out, my bad.

BUT, I DID start on the ump-teenth revision of this project, not callin' these sites 'Relay' sites any more, they're now 'Survey' sites. I figured after April's survey of Zone 9 and some of the distances bein' too far for handhelds, that we needed some of the sites within the Zones to be designated as 'Relay' sites for distant areas fm the 911 Ctr. Which, after I think about it, is kinda what this whole gig started out as to begin with, ugghhh.

Anyways, no biggy fer you guys & gals, mostly has more to do w/ ME, 'labeling' these sites after we've finished surveying all 10 Zones. Then I'll compile the data and put it all on the final product, the map(s) that'll be printed out at Corky's at the Taj Majal and posted at each of our permanent RT sites, the 911 Ctr, and a couple for the EC if he's gotta go 'Portable', and/or for an ICP (Incident Command Post) that may be Portable as well. As for the rest of us operators that may git a call in da middle of the night fm da EC to go to an 'incident/event', WE'LL use the BC 'street maps' that we've been using for these Sat 'Recreational Adventures' we've been doin' every month. We won't need all the info that'll be on the Emerg Prep maps, we'll just need to git to where the EC tells us to go and start operatin' fm there.

And speakin' of Survey's every month, in my last post about these, I sed we'd do Zone 8 next month ... ruh roh, seems we gotta do Field Day then. Sooo... reckon the next ARCBC 'Recreational Adventure' will be on the last Sat in July, but we'll hammer out those details at the July meeting.

....and remember, when yer stuck in da swamp (Glenn), ALWAYS call yer buddy David (and his adult supervision Nora & Natalie) to come git you, and remind him to wear his waders.

... until our next Adventure into WILD Butts Co,  
Ken, KM4HOS, ARCBC Recreational Adventure chairman

**Please Move to Groups.io**

The Yahoo Group email/calendar system is being abandoned and is being replaced by a similar program called "groups.io".

The two sites are very similar; in groups.io though, the calendar actually works and is already being used to send reminders for Amateur Radio Club of Butts County events and activities.

All of the Yahoo group files and photos are being relocated. If you have not yet registered with groups.io, here are the primary addresses.

**POST:** BC-ARES@groups.io

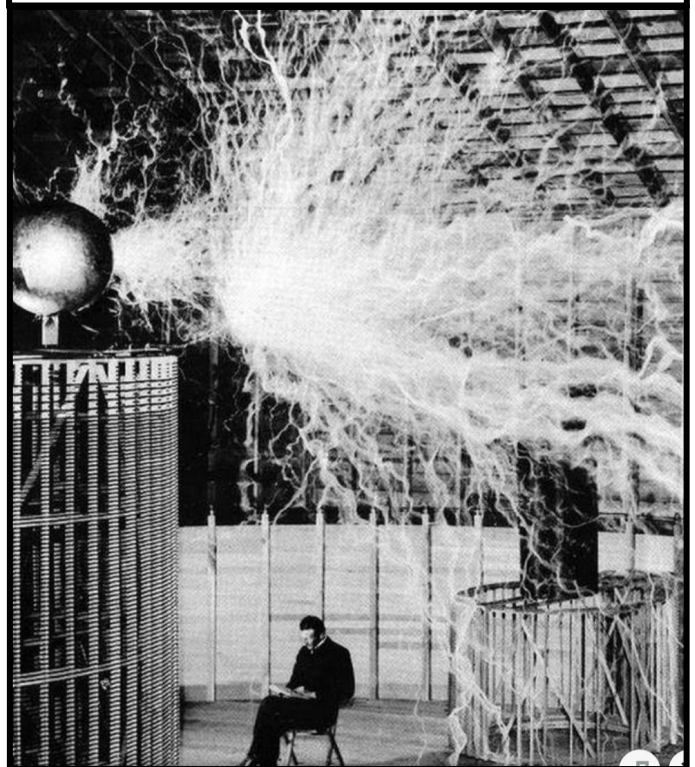
**SUBSCRIBE:** BC-ARES+subscribe@groups.io

**UNSUBSCRIBE:** BC-ARES+unsubscribe@groups.io

**GROUP OWNER:** BC-ARES+owner@groups.io

**HELP:** BC-ARES+help@groups.io.

Just another day at work for  
Nikola Tesla as he takes notes  
in his laboratory.





# NETS

## SUNDAY:

(rev. 190228)

**Metro ARES FM Net** - 1st Sunday ONLY at 1600L,

WA4ASI repeater, Covington, 146.925-, 88.5 PL

KK4GQ repeater, Fayetteville, 145.210 -, 131.8 PL

KC4AQS repeater, Paulding Co, 145.805 +, 100.0 PL

**GA ARES/BCECA WL Express Net** - Send an ICS-213 (or regular typed msg, if unable 213) to WX4GMA and WX4BCA by 2200Z. [1700L EST winter/1800L EDT summer.] Please use a Winlink RF gateway; Winmor packet, etc, if capable; otherwise, use Telnet.

**GA ARES Digital Net** - 2100Z [1600 EST winter/1700 EDT summer] 3.583 MHz USB.

**GA ARES PSK 'Traffic' Net** - send an ICS-213 to WX4GMA NCS, FLDigi, MT-631KS, centered on 2000 MHz.

**GA ARES PSK 'check-in' Net** - Even numbered months, FLDigi, BPSK-125, centered on 1000Hz, 'text' check-ins only and will run concurrently with the PSK 'Traffic' Net.

**GA ARES D-RATS Net** - 2130Z [1630 EST/1730 EDT]. Odd months, port: gaares.ratflector.com.

**GA Section HF Net** - 2200Z [1630 EST/1730 EDT], 3.975 MHz LSB, voice, by callsign prefix.

**SE Weather Net** - 2100L, D-Rats/D-Star, on sewx.ratflector.com. D-Star Voice on REF004A.

## TUESDAY:

**Butts County Emergency Comm Training Net** - 1930L, WX4BCA repeater, 147.285 MHz, + offset, 131.8 PL, begins with voice check-ins, followed by an NBEMS Digital Net. WL Express msgs accepted if Not sent the previous Sunday, send to WX4BCA with name, callsign, location, and whether you are on mobile or aux power.

## THURSDAY:

**NCRC/ARES/RACES FM Net** - 2000L, WA4ASI repeater, 146.925 - & 444.800 -, 88.5 PL. WL - K4NCR. May have a 'follow on' Digital Net - MT63-2KL, centered 1500 Hz, D-Rats on gaares.ratflector.com.

\*\*\* For other training opportunities, see the ARCBC Group.io website, and/or the GA ARES website for other Nets w/ days, times, freqs, protocols, etc, for your training convenience.\*\*\*

## Did You Know?

The classic G5RV is a center-fed 102 ft. long wire, fed either with 300 Ohm twin or 450 Ohm ladderline about 31 ft. or so long. It is generally non-resonant within the ham bands, but it is actually close enough to tune out the resultant SWR and work well with the internal tuners prevalent in the newer transceivers. The classic design works well as a flat top at 35 ft or so with a center support (maybe not needed) and two available trees. It might not hurt to add a 1:1 BALUN just for good measure.

The G5RV is a good multi-band antenna not necessarily outperforming those \$1000+ beam antennas, but the user does not have to continue to move the antenna every time to make a contact in a different direction. Many Hams have good luck using the antenna across the low and even the high bands, including 6M and 2M. This multiband coax fed antenna is a great and easy antenna to build with many how-tos available on the internet or in the ARRL's antenna book. A lot of folks will stick their nose up at the Ham using the classic G5RV, but why should a Ham have to wait for another HAM to adjust their antenna (chat: 'AMB, BRB') [translation: 'Adjusting my beam; be right back.'] while using FT8.

A copy of your FCC license is required before you may operate at FD. Text a copy to 573-528-0697 or email to K4NEP@arrl.net.

## CALENDAR

### JUNE 2019

**21 - Antenna Party** - LB 0730, Antenna Party 0900  
**22-23 - FIELD DAY - Kersey Pavilion 2PM - 2PM**  
**Picnic 1130 - 1300 Saturday**

### JULY 2019

**1 - Monthly Meeting** - 7PM, Jackson FGs  
**20 - Hungry Hams - Lunch Box - 0700**  
**20 - HamCram and VE Session** - 0830 - 1630, FS #7, 144 Colwell Rd

### AUGUST 2019

**1, 8, 15, 22, 29 - GENERAL** course, FS #7, 1830-2000, 144 Colwell Rd (continues in Sept)  
**5 - Monthly Meeting** - 7PM, Jackson FGs  
**17 - Hungry Hams - Lunch Box - 0700**  
**17 - Tech Saturday**, 0830, FS #7, 144 Colwell Rd

### SEPTEMBER 2019

**2 - Monthly Meeting** - 7PM, Jackson FGs  
**5, 12, 19 - GENERAL** course, FS #7, 1830-2000  
**21 - Hungry Hams - Lunch Box - 0700**  
**21 - VE Session**, 0830, FS #7, 144 Colwell Rd  
**23, 26, 30 - Morse Code I**, 1900-2000, FS #7

### OCTOBER 2019

**3, 10, 14, 17, 21, 24, 28, 31 - Morse Code I**, 1900-2000, 144 Colwell Rd  
**7 - Monthly Meeting** - 7PM, Jackson FDs  
**19 - Tech Saturday**, 0830, FS #7, 144 Colwell Rd

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**Tuesday Net NCS for July**  
**Ken**

