



GRAYSON COUNTY AMATEUR RADIO CLUB



GCARC
GRAYSON CO. TEXAS USA

Having Fun with Amateur Radio

Vol 29, No 3

Events Coming Up

Next Operating Club Event

**Perrin Field
Museum Special
Event
May 20-28th**

1st and 3rd & 5th Sunday Nets

Dates/Net Control:

3/2 – Ricky – KG5FDT

3/16 – Open

3/30 – KI5BMN - James

Time: 8:00 PM Local

Repeater: 147.000+

Next Regular Club Monthly Meeting

Date: March 21, 2023

Time: 7:00-8:45 PM

Eats from 6:00-7:00 PM

Location

Grandy's Restaurant

March Meeting Presentation

Bicycle Mobile

By

**James – KW5CW
with action movies**

**Hungry Hams
Breakfast
@ Grandy's
Saturday March. 25**

PRESIDENT'S QSO

Howdy Fellow Hams!

Thanks to all of you that attended our first 'Face to Face' Skywarn Training held at Grayson College last month. It was good to see many of you for the first time since 2019 (has it been that long?).

At our meeting in February, we discussed plans to have ARRL Summer Field Day event at Eisenhower State Park where we had Winter Field Day. Ralph will work on securing Ike's Cabin and the surrounding campsites. The presentation was Show and Tell and Andrew KG5SKM and I discussed our projects. Andrew has an ongoing Solar Power project and I have an ongoing Wind Power Project.

Don't forget our monthly Hungry Hams Breakfast will feature a 'Fox Hunt. Soooooooooo.... Join us at Grandy's in Sherman at 0800 for breakfast and the fox hunt will begin at 0900. Be sure you bring a handheld radio and a directional antenna if you have one. Also, please take note of several Ham Fests coming up. You can look for their info in the newsletter, on our website or our Facebook page. I'm looking forward to seeing you at our meeting this Tuesday March 21, at 1800 hrs. at Grandy's as we conduct club business and learn about James Frank's 'CW-Bicycle Mobile.'

As your club president for 2023, I have an open door policy so contact me via cell phone/text at 903-818-2257 and via email at KI5BMN@gmail.com Please reach out to me or any board member anytime with any questions, comments, feedback or ideas. I look forward to seeing you and many new Hams at the February meeting.

Regards and 73,

Ship - KI5BMN



2023 GCARC CLUB OFFICERS

President: James Shiplet – KI5BMN – (president@graysoncountyarc.org)
 Vice President: Ricky Jessen – KG5FDT – (vp@graysoncountyarc.org)
 Secretary: David Darcy – KF5LKG – (secretary@graysoncountyarc.org)
 Treasurer: Ralph Jerome – KI5NUK – (treasurer@graysoncountyarc.org)
 Director at Large: James Frank – KW5CW – (directoratlarge@graysoncountyarc.org)
 License Trustee: Rick Simmons – K5ECX – (rr52s@yahoo.com)

Webmaster – Newsletter Editor - James Frank - KW5CW - (editor@graysoncountyarc.org)

Club Address

Grayson County Amateur Radio Club, P.O. Box 642, Sherman TX 75091

GCARC Meeting Minutes

February 21, 2023

Four officers were present:

James Shiplet	President	KI5BMN
Ricky Jessen	Vice President	KG5FDT
Ralph Jerome	Treasury	KI5NUK
James Frank	Director at Large	KW5CW

Business meeting called to order.

- President James BMN called meeting to order 7:00 pm at Grandy's restaurant with the Pledge of Allegiance.
- Reviewed club Goals.

19 Members + (1) non-Ham

N5SLY, KW5CW, KG5FDT, KI5BMN, KG5GMA, KI5NUK, KG5SKM, KF5TDQ, WW5GRW, WB5VCO, KN6OCD, WD5JBC, KG5GFI, K5EKA, KI5ZIP, KI5ZIQ, KI5IPH, KI5TQK, KG5SJY.

Brad Rickey (Visitor)

Minutes January 2023

- January 2023 minutes Approved. Motion Andrew SKM, Seconded Marvin GM. Passed Unanimously

Treasurer's Report January 2023 (Ralph NUK reporting)

- Balance 2/1/2023 \$2037.69
- Balance 3/1/2023 \$2154.7450/50 Christmas Fund \$176.00



Old Business

- Newsletter and Website
 - James 5CW briefly discussed the Newsletter.
 - James 5CW reviewed the updates to the website.
 - <https://graysoncountyarc.org/>
- James BMN reviewed Winter Field day.
- James BMN reported Winter field day Chillie Contest Awards
 - Ralph NUK won first prize.
 - Traveling Spoon Award
 - Ricky FDT second.
 - Mark Miller KA5TXN third.

New Business

- ARRL Field Day (Summer) June 23-25
 - Eisenhower State Park
- Glenn GRW reported pictures put on website/Facebook/etc. needs to have permission before posting.
 - His picture will be removed from Winter Field day event.

ARES News

- Sky Warn training Tuesday, February 28 Grayson County College at 6:00.
- Windlink Wednesday 2/22, 2023.

Up-Coming Presentations

- March – James 5CW Bicycle Mobil
- April – James BMN Stop the Bleed.
- May – Open

Group Report

- Antenna Group
 - Meeting at county airport 7:00 pm 3/1/2023.
- Hungary Hams/Solar Energy and Power
 - Meeting Grandy's 2/25/20023 7:30 am.

Presentation

- Show and Tell
 - James BMN reported on Wind Generator project.
 - Andrew SKM reported on Solar project.

Drawings

- Crystal EKA won the Door prize.
- Mike IPH won the 50/50.
 - Mike graciously donated all back to the club.



Business meeting Adjourned.

- Adjourned 8:45.

Minutes submitted by Ricky Jessen KG5FDT for current Secretary Dave KF5LKG.

73's everyone and God Bless... Ricky – KG5FDT – Vice President

Treasury Report for February 2023 – by GCARC Treasurer Ralph Jerome

Grayson County ARC - Treasurers Report		Amount
Feb 1 2023		2,037.69
Bank Balance at time of report 3/1/2023	02/22/23	2,154.74
Income - Note PayPal payments don't include fees		
PayPal Dues		37.62
PayPal Dues		18.81
Dues Paid Feb Meeting		60.00
PayPal Dues		37.62
Total Income		154.05
Annual Dues Income - 2023		276.56
-	-	
Expenses		
PO Box Rental		-166.00
Total Expenses		-166.00



Cash on hand		70.00
Petty Cash		20.00
-	-	
-	-	
Total Checks & other funds deposited		
Dues-cash	-	40.00
Dues-check	-	20.00
50/50	-	79.00
Hat Sales	-	50.00
PayPal	-	94.05
Final Total at time of report		283.05
50 - 50 Raffle Christmas Gift Fund	Deposit to checking	Total
Beginning Balance	0.00	0.00
January	97.00	97.00
February	79.00	79.00
March		
April		
May		
June		
July		
August		
September		
October		
November		
Ending Balance	97.00	176.00



Grayson County ARC Budget Items Calendar Year 2023	Budget Amount	Actual Expenses
Operating Events		
Winter Field Day 2023	200.00	0.00
Food, Drinks & Supplies		
Camping Spot		-138.60
Perrin Field Museum Special Event	50.00	0.00
Food, Drinks & Supplies		
ARRL Field Day	138.60	0.00
Food, Drinks & Supplies	50.00	
Red River Bridge War Special Event	50.00	0.00
Food, Drinks & Supplies		
Eisenhower Birthday Special Event	50.00	0.00
Food, Drinks & Supplies		
Operating Events Total	400.00	-138.60
QSL Management /Administrative/Finance		
PO Box Rental	165.00	-166.00
Web Domain	25.00	
QSL Management /Administrative/Finance Total	190.00	-166.00
Christmas Party		
Christmas Party Expenses	150.00	
Christmas Party Total	150.00	0.00
Equipment Hard/Soft		
Accessories (Cable Antenna Tuner)	50.00	-49.95
GCARC Signs for Events	133.67	-133.67
Equipment Hard/Soft Total	183.67	-183.62
Total Budget Approved	923.67	
Total Budget Spent		-488.22
Estimated 2023 Dues Income		940.00

Budget approved 01/17/23



QSL Managers Message

DX Code of Conduct

Some good advice about being a good ham operator...



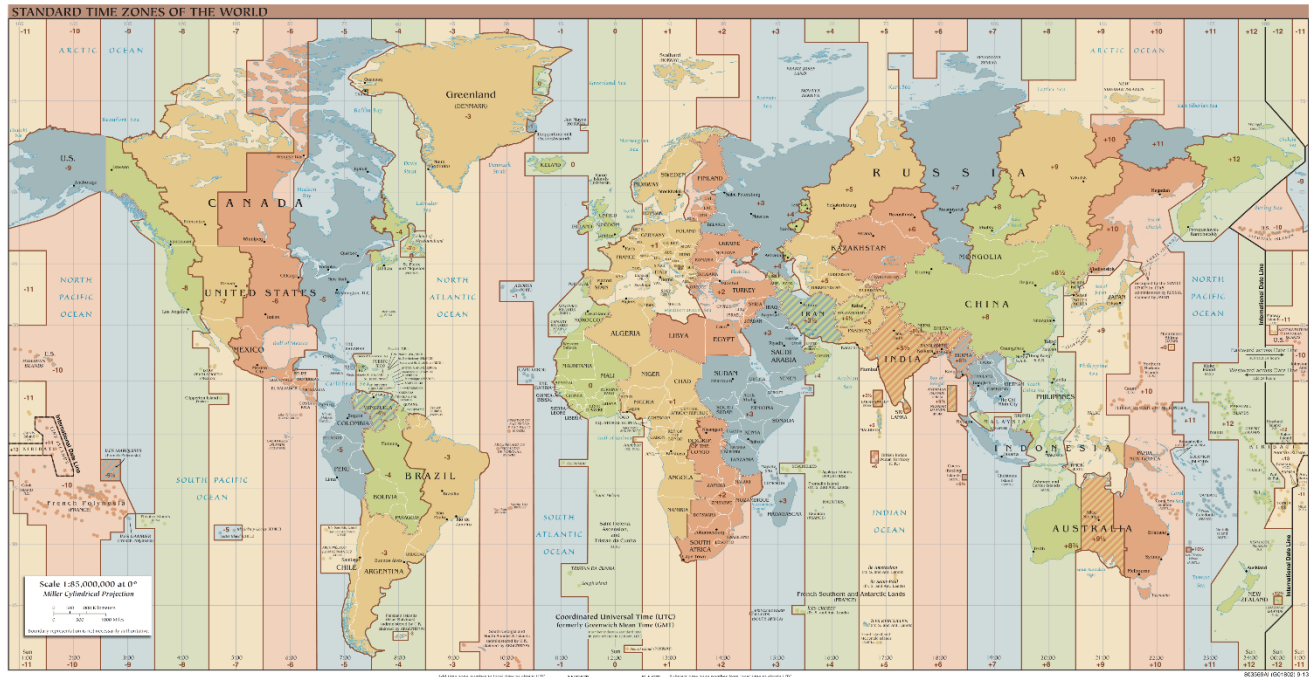
DX Code of Conduct

- I will listen, and listen, and then listen again before calling.
- I will only call if I can copy the DX station properly.
- I will not trust the DX cluster and will be sure of the DX station's call sign before calling.
- I will not interfere with the DX station nor anyone calling and will never tune up on the DX frequency or in the QSO slot.
- I will wait for the DX station to end a contact before I call.
- I will always send my full call sign.
- I will call and then listen for a reasonable interval. I will not call continuously.
- I will not transmit when the DX operator calls another call sign, not mine.
- I will not transmit when the DX operator queries a call sign not like mine.
- I will not transmit when the DX station requests geographic areas other than mine.
- When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.
- I will be thankful if and when I do make a contact.
- I will respect my fellow hams and conduct myself so as to earn their respect.



What time is it?

Many folks get confused about time and how it can affect things. Hams all over the world make contacts on the radio and want to get their contacts confirmed to prove they contacted another station. However, time is different all over the world. When it is 5 PM here it is 10 AM somewhere else and Midnight in another place of the world.



To get a confirmation of a contact made the times of both stations have to be the same. So how is this problem fixed?

Easy...

Hams use...

UTC, Coordinated Universal Time

GMT, Greenwich Mean Time or

Zulu Time, Military time so everyone is using the same clock.

UTC, **GMT** and **Zulu** all mean the exact same thing so it doesn't matter which term you use. The only important thing is that you use this time when you are playing on the radio.

UTC, **GMT** and **Zulu** time is the time it is in Greenwich, England right now. Depending on where you are in the world, local time may be as much as +12 hours or -12 hours different than it is in Greenwich.

You can get an App for your phone that will tell you what time it is using **UTC**, **GMT** or **Zulu** time. Your computer clock can be adjusted for these times too as well as your logging program that you use.



What did you say?

Accurately communicating information over the radio is very important. But it can be a real problem. You can contact operators from all over the world, and although English is the standard language for Ham Radio, the operators accent can make it very difficult to accurately copy important information.

So how is this problem overcome? By using the Phonetic Alphabet.

Phonetic Alphabet	
A - alpha	N - november
B - bravo	O - oscar
C - charlie	P - papa
D - delta	Q - quebec
E - echo	R - romeo
F - foxtrot	S - sierra
G - golf	T - tango
H - hotel	U - uniform
I - india	V - victor
J - juliet	W - whiskey
K - kilo	X - x-ray
L - lima	Y - yankee
M - mike	Z - zulu

You should learn to use the Phonetic Alphabet to help accurately copy information when you are using your radio. It is especially useful to copy the Call Sign of the other station accurately.

Q Codes

Hams use a lot of abbreviations to communicate information. Here is a list of many of them...

- QRA What is the name of your station? The name of my station is ____.
- QRB How far are you from my station? I am ____ km from you station.
- QRD Where are you bound, and where are you coming from? I am bound ____ from ____.
- QRG Will you tell me my exact frequency? Your exact frequency is ____ kHz.
- QRH Does my frequency vary? Your frequency varies.
- QRI How is the tone of my transmission? The tone of your transmission is ____
(1-Good, 2- Variable, 3-Bad.)
- QRJ Are you receiving me badly? I cannot receive you, your signal is too weak.



- Q~~R~~K What is the intelligibility of my signals? The intelligibility of your signals is ____
(1-Bad, 2-Poor, 3-Fair, 4-Good, 5-Excellent.)
- Q~~R~~L Are you busy? I am busy; please do not interfere.
- Q~~R~~M Is my transmission being interfered with? Your transmission is being interfered with ____
(1-Nil, 2- Slightly, 3-Moderately, 4-Severely, 5-Extremely.) Man made noise.
- Q~~R~~N Are you troubled by static? I am troubled by static ____ (1-5 as under QRM.)
Noise made by Mother Nature.
- Q~~R~~O Shall I increase power? Increase power.
- Q~~R~~P Shall I decrease power? Decrease power. A station running low power(usually 10 watts or less)
- Q~~R~~Q Shall I send faster? Send faster (____ WPM.)
- Q~~R~~R Are you ready for automatic operation? I am ready for automatic operation. Send at ____ WPM.
- Q~~R~~S Shall I send more slowly? Send more slowly (____ WPM.)
- Q~~R~~T Shall I stop sending? Stop sending.
- Q~~R~~U Have you anything for me? I have nothing for you.
- Q~~R~~V Are you ready? I am ready.
- Q~~R~~W Shall I inform ____ that you are calling? Please inform ____ that I am calling.
- Q~~R~~X When will you call me again? I will call you again at ____ hours.
- Q~~R~~Y **What is my turn? Your turn is numbered ____.**
- Q~~R~~Z Who is calling me? You are being called by ____.
- Q~~S~~A What is the strength of my signals? The strength of your signals is ____
(1-Scarcely perceptible, 2-Weak, 3-Fairly Good, 4-Good, 5-Very Good.)
- Q~~S~~B Are my signals fading? Your signals are fading.
- Q~~S~~D Is my keying defective? Your keying is defective.
- Q~~S~~G Shall I send ____ messages at a time? Send ____ messages at a time.
- Q~~S~~J What is the charge to be collected per word to ____, including your international telegraph charge? The charge to be collected per word is ____, including my international telegraph charge.
- Q~~S~~K Can you hear me between your signals, and if so, can I break in on your transmission? I can hear you between my signals, break-in on my transmission.
- Q~~S~~L Can you acknowledge receipt? I am acknowledging receipt.
- Q~~S~~M Shall I repeat the last message which I sent you? Repeat the last message.
- Q~~S~~N Did you hear me on ____ kHz? I did hear you on ____ kHz.
- Q~~S~~O Can you communicate with ____ direct or by relay? I can communicate with ____ direct
(or by relay through ____.)
- Q~~S~~P Will you relay to ____? I will relay to ____.
- Q~~S~~Q Have you a doctor on board? (or is ____ on board?) I have a doctor on board (or ____ is on board.)
- Q~~S~~U Shall I send or reply on this frequency? Send a series of Vs on this frequency.
- Q~~S~~V Shall I send a series of Vs on this frequency? Send a series of Vs on this frequency.
- Q~~S~~W Will you send on this frequency? I am going to send on this frequency.
- Q~~S~~Y Shall I change to another frequency? Change to another frequency.
- Q~~S~~Z Shall I send each word or group more than once? Send each word or group twice (or ____ times.)
- Q~~T~~A Shall I cancel message number ____? Cancel message number ____.
- Q~~T~~B Do you agree with my counting of words? I disagree with your counting of words. I will repeat the first letter or digit of each word or group.
- Q~~T~~C How many messages have you to send? I have ____ messages for you.
- Q~~T~~E What is my true bearing from you? Your true bearing from me is ____ degrees.
- Q~~T~~G Will you send two dashes of 10 seconds each followed by your call sign? I am going to send two dashes of 10 seconds each followed by my call sign.



- QTH** What is your location? My location is ____.
- QTI** What is your true track? My true track is ____ degrees.
- QTJ** What is your speed? My speed is ____ km/h.
- QTL** What is your true heading? My true heading is ____ degrees.
- QTN** At what time did you depart from ____? I departed from ____ at ____ hours.
- QTO** Have you left port? I have left port.
- QTP** Are you going to enter port? I am going to enter the port.
- QTT** Can you communicate with my station by means of the International Code of Signals? I am going to communicate with your station by means of the International Code of Signals.
- QTR** What is the correct time? The time is ____.
- QTS** Will you send your call sign for ____ minutes so that your frequency can be measured? I will send my call sign for ____ minutes so that my frequency may be measured.
- QTV** What are the hours during which your station is open? My station is open from ____ hours to ____ hours.
- QTV** Shall I stand guard for you on the frequency of ____ kHz? Stand guard for me on the frequency of ____ kHz.
- QTX** Will you keep your station open for further communication with me? I will keep my station open for further communication with you.
- QUA** Have you news of ____? I have news of ____.
- QUB** Can you give me information concerning visibility, the height of clouds, direction, and velocity of ground wind at ____? Here is the information you requested...
- QUC** What is the number of the last message you received from me? The number of the last message I received from you is ____.
- QUD** Have you received the urgency signal sent by ____? I have received the urgency signal sent by ____.
- QUF** Have you received the distress signal sent by ____? I have received the distress signal sent by ____.
- QUG** Will you be forced to land? I am forced to land immediately.
- QUH** Will you give me the present barometric pressure? The present barometric pressure is ____ (units).

The ones you'll hear all the time are colored **RED**.

Let me know if you have any questions.

73 – Lee – N5SLY

Paying GCARC Club Yearly Dues

Just as a reminder, you can renew your yearly dues at <http://hamclubonline.com>. At that URL, you will find the amateur radio management system that can be used to pay your dues to the GCARC. Remember, to continue to be a voting member, your dues must be paid on time. Yearly dues are good for 365 days from the day that you originally sign up.

New Club Email Address and Website Bulletin Board

The GCARC has acquired a new email address. The address is gcarclub@gmail.com. The old address can no longer be used. Anyone sending a proper email to this address whether it is just a query or to provide information to the club will receive a response. Stay in touch with the club. If you cannot make the monthly meetings and you have something the club should know about, such as ideas for upcoming meetings or upcoming events, let the club know. There will be various forms on the website on the new bulletin board that you can update available to members only. The Club Google Calander will also be included, and accessible by everyone.



Fox Hunt

Saturday, March 25, 2023

Starting point...Grandy's

Start time...9 AM

End time...11 AM

Frequency of Fox...146.565 Mhz

Difficulty...on a scale of 1-5, 5 being the most difficult.

1

Clue...see map on back. Fox will be hidden somewhere on this map.

A HT and a Tape Measure Yagi antenna are perfect for a Fox Hunt. A Attenuator, or Pringles Can Antenna, can be very helpful when you are close to the Fox by reducing the strength of the incoming signal.

Here are some instructions for making a Tape Measure antenna...

theleggios.net/wb2hol/projects/rdf/tape_bm.htm

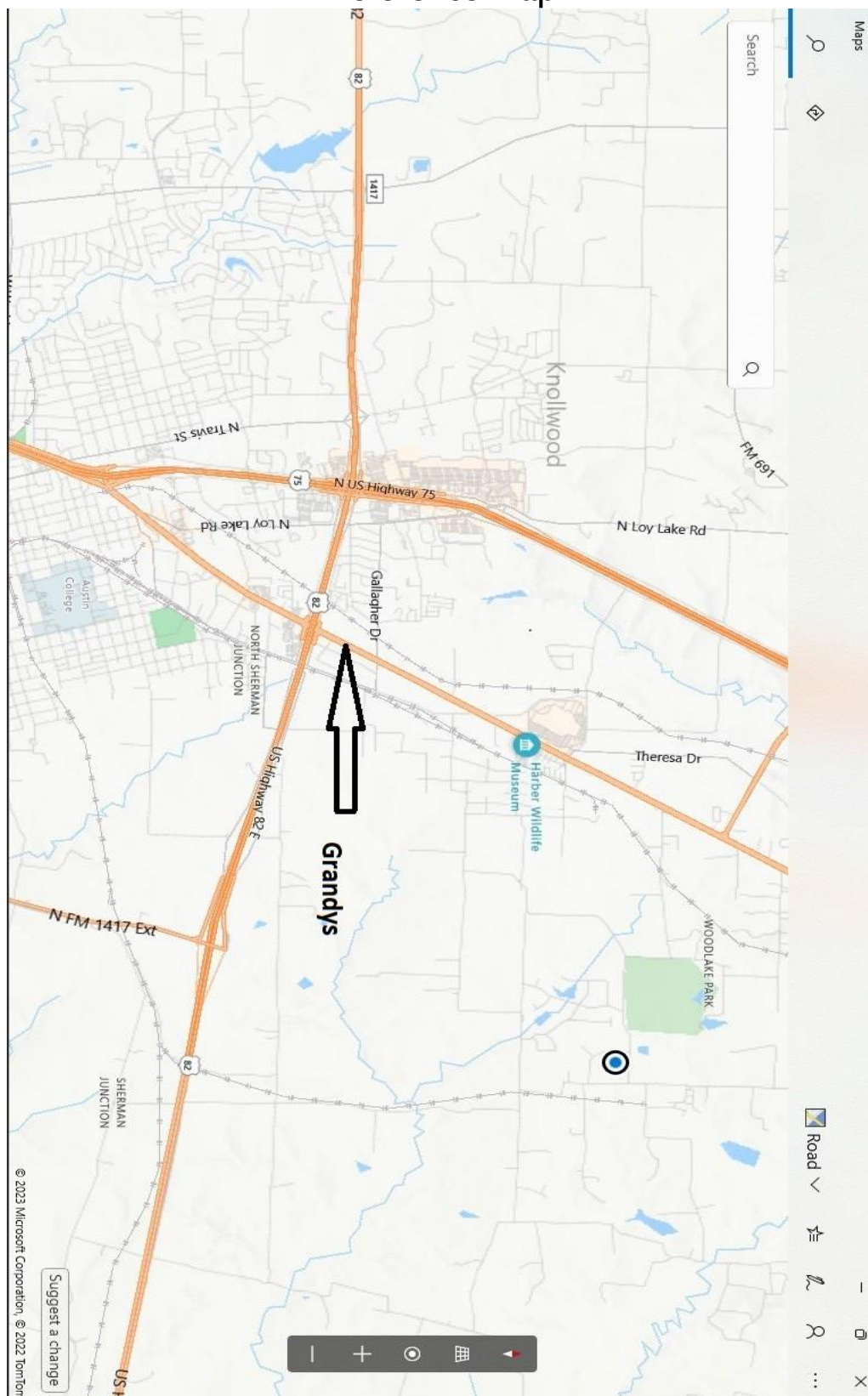
&

some information about Attenuators...[Fox Hunting - 3rd Planet Solar / KC9ON](#)

If you can't find the Fox in 2 hours, you either don't know what you are doing or you don't have the right equipment.



Reference Map



Bicycle Mobile - March 21st, 2023

by James – KW5CW

It's just around the corner. It's the presentation of my fun project called the 'bicycle mobile'. As stated last month, I will bring the bike, explain how it works and am in the processes of finalizing a video presentation of me riding the bike making CW POTA contacts in a park. Yes, it sounds nerdy, but stop and think if you ever seen a presentation on a CW bicycle mobile in the past. Odds are that you never have. If you think this is nerdy, wait until you see another of my upcoming projects. Again, as stated last month in the newsletter later in the year, I will make a presentation on how it's possible to make CW contacts without touching a key or a keyboard for that matter. By then I will have a video on how I activated a park with CW not touching a keyboard or paddle. Now that's going to be pretty nerdy, but extremely effective. Also, I plan on running Summer Field Day with the club from my bike while getting some exercise at the same time and do my share to minimize splatter to the SSB and digital stations that will also be operating. Now I know that most hams if not all hams in our club do not share my interest in CW, especially some of the projects I've created as my CW Go-Kit or Bicycle Mobile, and that's perfectly OK. But I was asked to bring the bike and explain what I do at the upcoming meeting in a presentation, so I hope you decide to come to the meeting and enjoy the presentation. One more note, just because I ride a bike and play radio doesn't mean it's for everyone. There is risk involved and the notion that you can't be safe while playing on the bike at the same time you are riding it has some real merit.

The Revival of my Column – The CW Corner

by James – KW5CW

As the newsletter editor, the club has afforded me the ability and freedom to write about what I love in this hobby, and of course that would be CW.

Also last month, I acknowledged that I would be reviving my column called the CW Corner. But, if this is something that members of this club would like to not see in the newsletter each month, then just inform me and I'll stop the columns. It has already been suggested that I should ONLY install the column on the website, and I'm willing to do that if the members of the club deem that to be a better way. I will ask the question at the meeting.

CW in a sense is a lost art. Or is it? For me, I've never been active more in this mode of operation than I am now. Thanks to POTA, along with my CW activities on my bike, I'm more active than I've ever been before. It's true as the saying goes that when you retire, you have less time to do things than ever before in your past, because now you have the chance to do everything you wanted to do while you were working your full-time job that only now you have the time to do. That's a mouthful of words, but I hope it made sense. I thank God for my health and the time I'm given to be able to continue to do something I've always loved in this hobby. Also, I would be remiss to not mention my wife, who puts up with me and my CW shenanigans. She constantly puts up with watching or hearing CW YouTube videos that I watch sometime during every single day. She puts up with me while I play POTA at a park while she's standing a few feet away fishing. Then it's the website, or my blogs and other websites. I'm constantly staying very busy, and in some cases too busy, because I still need to spend more time in the hobby of actively participating in CW.



The Future of Special Interest Groups depends on Each of Us

Presently, there are 4 special interest groups that are somewhat active. I say somewhat active because there really is no set meeting or date for club participation in these groups except for maybe the Antenna Group. Even this group which has been led by me, has not been regularly active. As all members should know by now. I hold a get-together at the Sherman Municipal Airport located on Dewey Street, on the very first Wednesday of each month. I was thinking that the next topic for antennas next month would be VHF/UHF FM/SSB or FOX Hunt antennas. But I already know that I will not be available on April 5th, as I plan to be out of town during that week. So, I can safely say that there will be no Antenna Group meeting, unless someone in the group or in the club would like to sponsor the meeting in my absence. And if not, think about what you would like to learn about in the world of amateur radio antennas in the future, and I can help you with your antenna issues. The club is sponsoring its First Fox Hunt this year on the fourth weekend of this month on Saturday March 25th at 9:00AM, after the Hungry Hams Breakfast at Grandys at 8:00AM. There is one antenna issue that I still need to address in the club, and that would be to help one of our own get an end-fed wire running properly at his home. Anyone else need help with antennas? Just ask...

Club Sponsored Bulletin Board (BBS)

For the last few months, I have been trying to organize a useful Bulletin Board or so called (BBS) for the use of the club. With it, club members would be able to communicate with each other in a more generalized way, than just on a website. It can have some of the features found on Facebook, or Twitter, i.e., the ability to carry real time text with each other, just as you do on those other platforms. But this time it would be private for your created group of interest. It can contain a 'For Sale', or 'Interested to Purchase' section. It can contain, spreadsheets, or various documents of choice you care to share with the members. The only requirement to use it would be that you were a member of the GCARC and used an ID and password for access. At the meeting in April, I will report on the BBS, how you can access it, and what you can do with it. It will be fully functional by the April meeting.

There will be a few forms created going into our upcoming special events and Summer Field Day. If you have any suggestions for any of kind of form or document that should be available to the membership, then drop me a line at a new club email address called gcarclub@gmail.com.

ECHOLINK on 147.000

Hopefully soon, EchoLink will return to the Sherman Repeater. Word has been received from a reputable source that it may just finally happen. Of course, I would not hold my breath on this possibility, as it's been years now since EchoLink has been reliably available for use in Sherman on 2-meters. On another note, EchoLink is available on another machine in Sherman located on 441.325 on 70cm. But the consensus is that Echolink needs to be available on 2-meters, so I'm hoping that my source pans out and Echolink is available again on 147.000 repeater.





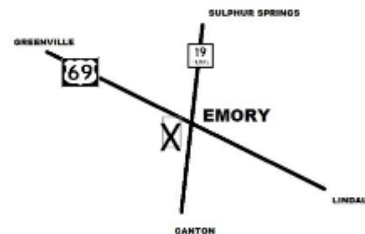
EMORY HAMFEST APRIL 22, 2023



HALFWAY BETWEEN CANTON AND SULPHUR SPRINGS!
 HALFWAY BETWEEN LAKE TAWAKONI AND LAKE
 FORK! HOUR EAST OF DALLAS AT THE CROSSROADS OF EAST TEXAS



RAINS COUNTY FAIRGROUNDS IN EMORY, TEXAS



159 W LENNON DR (US 69) in EMORY

Vendor Setup \$10, General Admission \$5, Under 17 Free – RAIN OR SHINE

SATURDAY APRIL 22ND FROM 7:00AM TO 4:30PM Talk-in 146.92 (-.600 PL 88.5)

~50K SQ FT OF COVERED SPACE– See www.w5ent.org for details. First come first served.

Suggest you Bring Your Own Table and Chairs. Overnight camping available Friday Night. Contact club for details.

SELL YOUR OLD STUFF – BUY YOUR NEW STUFF!

DOOR PRIZES, SILENT AUCTION, FOOD CONCESSIONS, MAIN PRIZE DRAWING AT 3:00PM (must be present to win)

One ticket with admission. Extra Tickets \$1 each, 6 for \$5.00

9:00 AM – VE Testing (all classes available)

When you're done "hamfesting", hit the lakes: Stripers and Crappie on Lake Tawakoni, Largemouth Bass on Lake Fork!County

Officials have approved our hamfest as long as we abide by this common sense Covid policy for the hamfest:

1. Masks and social distancing are strongly recommended. RARA, ARRL, Rains County Fair, Rains County, and its members and residents are not responsible for your health, well being, or property. YOU ARE!
2. Check in with a RARA representative at the check-in table before setting up.
3. Hand sanitizer will be available at the check-in table
4. Although it has been proven that cash money can be dirty, it's still the legal tender. Bring a lot of it with you to take advantage of the deals. ATM available at the adjacent Valero and across the street.
5. Your admission fee will help pay for the venue and is appreciated.

Sponsored by Rains Amateur Radio Association

www.w5ent.org / Like us on facebook!

For more information contact David @
rara.w5ent@gmail.com or 903-408-0365



TaleGate Swapfest – Saturday - April 29th Texarkana, Texas

4 States Amateur Radio Club

TAILGATE SWAPFEST

Buy Sale Trade

April 29, 2023

Gate opens at 8AM. FREE admission. No set up fees.

**Sportsman's Cove
Lake Wright Patman
Texarkana, TX**



Coordinates: 33.347, -94.1709 Talk-in on Texarkana 146.62 repeater



Food and Drinks available (Donations welcome)

Freedom Link fundraiser Raffle Antennas for testing radios

License testing

Bring your own tables and chairs.

Watch the website for updates!

WWW.4SARC.ORG

For more info: ahuggins6@gmail.com



Hamvention 2023

Sponsored by Dayton Amateur Radio Association

May 19-21, 2023

When is the show?

Friday	May 19th	9:00 AM – 5:00 PM
Saturday	May 20th	9:00 AM – 5:00 PM
Sunday	May 21st	9:00 AM – 1:00 PM

Where is the show?

Greene County Fair and Expo Center
210 Fairground Road, Xenia 45385
Coordinates are 39.702 N – 83.9420 W

HAMVENTION TICKETS

Tickets include all three days.
Free Admission Sunday requires a free ticket obtained at ticket trailer.

<https://hamvention.org/>



Local and Regional Repeater Systems in and near Sherman Texas

List of repeaters located in Sherman

<u>Frequency</u>	<u>Offset</u>	<u>Tone Up / Down</u>	<u>Location</u>	<u>County</u>	<u>Call</u>	<u>Use</u>	<u>Modes</u>
<u>147.0000</u>	+0.6 MHz	100.0 / 100.0	Sherman	Grayson	W5RVT	OPEN	FM
<u>147.2800</u>	+0.6 MHz	107.2 / 107.2	Sherman	Grayson	W5COP	OPEN	FM EchoLink
<u>441.3250</u>	+5 MHz	82.5 / 82.5	Sherman	Grayson	KG5SKM	OPEN	FM EchoLink +AllStar
<u>444.7500</u>	+5 MHz	100.0 / 100.0	Sherman	Grayson	W5RVT	OPEN	FM

Make note of the **KG5SKM Open repeater**, owned, and operated in Sherman by one of our club members – Andrew Bentley – KG5SKM. The repeater has been recently activated. It is located at Sherman Radio Station KQDR, 900 E Pecan Grove Rd, Sherman, Texas 75092. It contains an Allstar Node – 53477 and an Echolink Node 831760. The antenna is located just 20 feet off the ground and has a 35 mile range.

Other repeaters accessible from Sherman are as follows:

W5DWH Denison

145.330 -600 offset
PL 100 Transmit and receive

WD5U Rosston

145.490 -600 offset
PL 85.4

K5FRC VHF Bonham

145.470 -600 offset
PL 100.0

NCTC UHF Bonham

443.750 +5 offset
PL 100.0

KF5SOX UHF Bells

444.950 +5 offset
No PL at this time



Grayson County Amateur Radio Club General Info

Become a Member of the GCARC click here: <https://graysoncountyarc.org/membership/>

✚ 1st, 3rd and 5th Sunday GCARC Information Net Control Schedule: <https://graysoncountyarc.org/about-gcarc/net-control-schedule/>

1. Visit the GCARC Website www.graysoncountyarc.org

✚ Visit the GCARC Facebook page: <http://www.facebook.com/groups/k5gcc>

✚ Submit articles for GCARC newsletter to: editor@k5gcc.org

✚ E-mail change updates @ <http://hamclubonline.com>

Club Patches and Clothing Options:

Option 1. From Ham Threads: <https://www.hamthreads.com/> get a large variety of clothing styles with GCARC, ARES and or Skywarn Logos, Call Sign and Name. See Examples Below.



Option 2. Order from the club Treasurer using the form below. Additionally, you can order premade ARES and Skywarn patches for \$4.00 each and GCARC Club Patches for \$5.00 each.



Grayson County Amateur Radio Club Apparel Order Form




Tactical Shirt \$45
Mic loops on shoulders and front placket, dual pen pockets
2x-4x extra + \$5



Prices plus shipping and all items have K5GCC Club Logo, your Call and first name embroidered



Polo Shirt* sm to xl	\$30
Camp Shirt* sm to xl	\$36
W/Left pocket	
Caps	\$17
Jacket* sm to xl	\$45

First Name _____ (as you want on clothing)

Last _____

Call _____

Payment _____

Make checks Payable to: GCARC

	Men/ Ldy	Qty	Ext
Polo Shirt* sm M L XL			\$30
Camp Shirt* sm M L XL			\$36
Caps			\$17
Jacket* sm M L XL			\$45
Tactical Shirt sm M L XL			\$45
*Shirts/Jackets- (2x to 4x +\$5)			
Shipping \$2.00 per item			
Total			



Rev 02-12-18