



GRAYSON COUNTY AMATEUR RADIO CLUB



GCARC
GRAYSON CO. TEXAS USA

MAY 2023

Having Fun with Amateur Radio

Vol 29, No 5

Events Coming Up

Next Operating Club Event

**Perrin Field Museum
Special Event**

May 20-28, 2023

1st and 3rd & 5th

Sunday Nets

Dates/Net Control:

5/21 – Michael Coffman

6/4 – Michael Higgins

6/18 – Ricky Jessen

Time: 8:00 PM Local

Repeater: 147.000+

Next Regular Club

Monthly Meeting

Date: May 16, 2023

Time: 7:00-8:45 PM

Eats from 6:00-7:00 PM

Location

Grandy's Restaurant

May Meeting

Presentation

**Survival Preparedness
By**

Cynthia VanSlogteren

K5EKA and

Michael Higgins

KI5ZIQ

FOXHUNT after

Hungry Hams

Breakfast (Grandys)

9AM

Saturday May 20th

PRESIDENT'S QSO

Howdy Fellow Hams!

Plan to join us at Grandy's Tues May 16th, in Sherman for our meal at 6:00pm and meeting at 7:00pm. We will have a presentation on 'Survival Preparedness' and discuss summer field day plans. We've been getting crowded, so show up early to get a great seat.

Next up is our monthly Hungry Hams Breakfast, Sooooooooooooo.... Join us at Grandy's in Sherman on May 20th 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. May 20th through May 28th, 2023 is our Perrin Field Museum Special Event. Please see all the related info in this newsletter, on our website, and on www.QRZ.com.

We are getting prepped for ARRL Summer Field Day (FD) for the last weekend in June. This year we will be at the Eisenhower Birthplace in Denison. Michael Coffman – KI5NUI is this year's FD Coordinator and he's hit the ground running contacting news media & elected officials. More info on this at our meeting

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 April 18, 2023

Four officers were present:

Ricky Jessen Vice President - KG5FDT
Ralph Jerome Treasurer - KI5NUK
David Darcy Secretary KF5LKG
James Frank Director at Large KW5CW

The meeting came to order by Ricky Jessen – KG5FDT and Pledge of Allegiance at 7:02PM

Vice President Ricky Jessen KG5FDT lead the meeting this time, as President James Shiplet KI5BMN was off in Mexico having fun in the sun. Actually, it wasn't really fun, but if you want to know what happened, ask him all about it.

Ricky mentioned that a sign-up sheet was being passed around for members to sign up for the Sunday Information nets, and that there were several slots still available for net control operators.

Club Goals were announced by Ricky. He also announced about the Elmer program and that James – KI5BMN is working on a newcomer packet for handout to new members and visitors.

Members and guests were welcomed. An around-the-room greeting by each in attendance at 7:10PM.



The April meeting minutes were approved at 7:15PM.
The Treasurer's Report was announced.

Beginning Balance: \$2,342.28

Income: \$106.92

Expenses: \$0.00

Ending Balance \$2,507.20

No old business.

Winlink Wednesday is tomorrow.

New Business

ARES News...

ARES Training Net is on Sunday, April 23rd. On the 147.00 repeater at 8:00PM.

The next Sherman Siren test is on May 3rd and Ricky announced they can use more help during the test and if anyone can help. One of the observations is to see if the sirens rotate. The test lasts for about an hour, usually from 8:40AM to 9:20AM.

The ARES Spring Simulated Emergency Test has been postponed.

Ricky mentioned the idea that if you have APRS, to beacon from home during bad weather events to help others know where you are located during bad weather. It helps others monitoring APRS know if you may need assistance during the bad weather event when following the path of a storm.

If interested in ARES, contact Wade Graves – KF5AUD or one of the officers of the club.

New Business... Announcements...

The club officers will be trying to locate space for this year's Summer Field Day which is coming up in the last month of June. He mentioned that a Safety Officer would be in order for the event. During the officer meeting, it was announced that Michael Coffman has volunteered and will be in charge of Summer Field Day this year. The plan is to rent space again at the Eisenhower State Park, but the spaces haven't been secured as of yet because April 22nd would be the first day that spots could be reserved at the park per park management.



Lee Sly - N5SLY brought up the club will be having its **Perrin Field Special Event** radio adventure again this year, **May 20th through the 28th**. The call sign to be used is **W5P**. More information can be found on the club website or QRZ.com. All members can participate from home using W5P. The club will also be having its Red River Bridge War Special Event in July and then there is the Eisenhower Birthplace Special Event that will take place in October.

The May meeting presentation will be given by **Cynthia VanSlogteren – K5EKA** and **Michael Higgins – KI5ZIQ**. The topic will be **‘Survival Preparedness’** and further preparation on Summer Field Day. **The June meeting presentation** will again be centered around the **upcoming Summer Field Day event** the following weekend. After Summer Field Day at the **July meeting presentation**, the club will have an **APRS/Winlink presentation**, given by Mike Coffman – KI5NUI. **At the August meeting presentation**, the club will put on a **Connectors 101 class**, on how to install coaxial connectors on coax. If you ever wanted to learn how to put on a PL-259 connector or make a coaxial cable extension, this would be the meeting to attend. Bring your tools and solder station if desired so you can build a few coaxial extension cables with your own soldering equipment. .

Michael Higgins – KI5ZIQ and James – KW5CW will discuss **new developments to the website mainly centered around the Club BBS** with a demonstration on how it works.

On April 29 Lee Sly - N5SLY will be going to release the Fox for another **FOX hunting adventure** after the **Hungry Hams Breakfast at Grandys**. It will be activated at 9 AM that morning and will be turned off at 12:00. The FOX frequency is 146.565. A Brochure will appear later in the newsletter.

Special Interest Groups

James Frank KW5CW is still in Charge of his one-man **CW Special Interest Group**, so if you want to learn about

dots and dahs, he is the man to go and talk to and learn from. The group is pretty small this year.



Lee Sly - N5SLY is still in charge of the **POTA Special Interest Group**. So, see him and go play and learn about it with him, Ricky Jessen - KG5FDT has been going with him and is also having major POTA fun.

James Shiplet KI5BMN is still in charge of the **Solar and Wind Special Group** so see him if you want to learn more about solar.

The **Antenna Group** will not be active until the subject matter for the class can be determined by anyone that would like to attend. When held, meetings are presently being held at the Sherman Municipal Airport.

James – KW5CW mentioned the **website and new developments** that Michael Higgins KI5ZIQ and he are working on. They are creating **BBS functionality** that should prove to be very beneficial to members. You can view the **forums page** by going to <https://gcarc.graysoncountyar.org>. It will be the first of its kind in the area. The **Forums Area**, is a place where any ham can access to read and only members of the club can contribute their own ideas and posts for immediate publication. A **short demonstration of the BBS** is promised for the May meeting.



The April meeting presentation was given by Trevor Reed - KG5BFI who is with the Bonham and Howe Fire Departments and who is Roy Reed's (AF5VA) son Trevor who also is his weather spotter too. You may have heard his voice in the background during weather nets when they are chasing storms.

He put on a great **show-and-tell** and gave a presentation about the "Stop the Bleed" First Aid Course that are now being put on around the country. Trevor recommends that people interested in first aid supplies go to: North American Rescue at [https:// www.narescue.com](https://www.narescue.com).

License Testing

Bob Bytheway K3DIO - informed he sent out information to have present VE's to become certified with the W5YI testing program and desires all that are interested to send in the application forms he sent out to present ARRL VE members. He has only received a couple of responses to his request for help and requests others send in the information so they can also become certified in the W5YI program. License Testing at Summer Field Day is being considered and may be possible this year.

50/50 Drawing and Door Prize

Roy Reed AF5VA won the 50/50

Tamara Higgins KI5ZIP won the door prize and chose a clothing garment as her door prize.

The meeting ended at 20:35.

Those in attendance:

Club Treasurer Ralph Jerome - KI5NUK, Andrew Bentley - KG5SKM, Lee SLY - N5SLY, Mike Whitten - KI5IPH, Jim McGlynn - K5QOI, Glen Willie - WW5GRW, Marvin Schiavone - KG5GMA, James Frank - KW5CW, Roy Reed - AF5VA, Angie Reed, Trevor Reed - KG5BFI, David Anderson - KD5KPR, Jimmy Patterson - KC5OLH, James Johnson - KG5SJY, Don Levstik - WD5JBC, Club VP Ricky Jessen - KG5FDT, Carla Patterson, David Turner - KE5OFC, Michael Higgins - KI5ZIQ, Tamara Higgins - KI5ZIP, Susan Roberts, Cody Williams - KG5GFI, Bob Bytheway - K3DIO, Club Secretary David DArCy - KF5LKG.

We had 24 people attend the meeting that signed in. If just 2 more signed in, we would have had a complete sheet, so close this time, but we saved a tree from having to sacrifice a branch for another piece of paper. O WELL maybe next month.

David DArCy KF5LKG – Club Secretary



Treasury Report for April 2023 – by GCARC Treasurer Ralph Jerome

April 2023 Club Financial Report

Grayson County ARC - Treasurers Report 4/30/2023		Amount
Bank Balance at time of last month's report 3/31/23		2,342.28
Bank Balance at time of report 5/1/2023		2,507.20
Income - Note PayPal payments don't include fees		
PayPal Dues		56.92
Cash Dues		50.00
Total Income		106.92
Annual Dues Income - 2023	total	525.29
-	-	
Expenses		
Total Expenses		0.00
Cash on hand		20.00
Petty Cash		20.00
-	-	
Total Checks & other funds deposited		
Dues-Cash	-	50.00
50/50	-	58.00
	-	
Dues-PayPal	-	56.22
Final Total at time of report		164.22

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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	59.00	59.00
April	58.00	58.00
May		
June		
July		
August		
September		
October		
November		
Ending Balance	293.00	293.00
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

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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	0.00
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



Are you required to keep logs for the contacts you make as a Amateur Radio Operator???

The answer is NO; however, if you want to get a Confirmation of the contacts you made, you'll need to keep a log.

Getting awards or participating in a contest requires that you keep a log of the contacts you make.

So, what logging software is the best one to use? There is no easy answer to that question. Much depends on your personal preferences.

Many hams still use a pencil and paper to log the contacts they make. However, the majority of 3rd party QSL services require that you send in an ADIF file for the contacts you make. You'll need to use a computer program to generate an ADIF file. Folks who conduct contests require either an ADIF file or a Cabrillo file. Software programs that are set up for different contests can generate an ADIF file or a Cabrillo file.

Who are the 3rd party QSL services? They are...

Logbook of the World...<http://www.arrrl.org/quick-start>

eQSL.cc...<https://www.eqsl.cc/>

QRZ.com...<https://www.qrz.com>

There are many others, but these are the most popular. They offer all kinds of awards for the confirmed contacts you make while playing of the radio.

Here are some links to popular logging software programs...

[Ham Radio Deluxe Software | Radio Amateur's Best Asset](#)

<http://www.n3fjp.com/>

[N1MM Logger Plus – Free Software for Phone, CW & Digital \(hamdocs.com\)](#)

<https://hamrs.app/>



There are many, many more available. Some are free and others will cost you some \$'s.

The main one I use is the software from N3FJP...the 2nd one listed above. It is very easy to use and he has programs available for many different contests that happen during the year. It costs \$60.00 for everything and you'll get free updates for life.

The other program I use is Ham Radio Deluxe (HRD) for the digital modes...other than FT8. For FT8 I use the software from Joe Taylor, WSJT-X. His program is free. HRD does cost about \$100.00. There are free software programs available, but I have never used them.

FT8 is by far the most popular digital mode right now and the WSJT-X software works great. Older digital modes such as PSK, RTTY, Olivia, Hell, etc. require another software program to run. I think you'll find that these older digital modes are seldom used any more so unless you are really interested in using them don't worry about the software you'll need to run them.

So what is required to accurately document the contacts you make? You'll need to document these 8 things...

Your callsign

The call sign of the station you contacted

The date

The time...Zulu time only...doesn't have to be exact...can be off + or – about 15 minutes

The band.... don't need exact frequency

The mode

The signal report sent...only important in a contest...not required by 3rd party QSL services

The signal report received...only important in a contest...not required by 3rd party QSL services

The good news is that you know most of these things. The only really important thing you need to get while making a contact is the Call Sign of the other station.

The last thing I want to mention is Parks On The Air (POTA). Activators are required to keep a log and send it into the POTA web site for each Activation. Hunters are not required to log anything and don't have to send anything into POTA. Hunters get credit for contacts made when Activators upload their logs to the POTA web site.

If you have any questions about any of this, please feel free to get in touch with me.

Have fun!

73

Lee N5SLY

lee.n5sly@gmail.com

903-818-7463



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.

Online BBS Demonstration at May Club Meeting 5-16-2023

The Online Club BBS will be available to everyone starting at the meeting this coming Tuesday. A demonstration of the BBS will be given by Michael – KI5ZIQ and James – KW5CW. As far as I know, there's nothing like it in the DFW area, but BBS's were popular many years ago. They still have a very practical application in today's world and the club plans to take benefit in it.

There will be discussion groups on a wide variety of board topics, such as For Sale/Trade, License Testing, an Elmer Connection, Radio Reviews, Handheld discussions, mobile radio and digital radio discussions, an FCC update section, Skywarn, ARES and Weather topics, ARRL information, Club news, and of course Parks on the Air. Many forms including food signup sheets and operator sign up sheets for any event the club participates in will become available for anyone to read and members to update as soon as they are created and installed.

If you are interested in learning just a little more about the BBS project that will be available to everyone, come to the next meeting, as Michael and I will give a little demo and insight as to what's to come.



Upcoming Perrin Field Special Event - W5P

May 20th, 0000z, Friday night at 7PM Local time
through May 28th, 2359z, Sunday night at 6:59PM

Modes of Operation - CW - Phone - Digital

Bands of Operation - 80 - 60 - 40 - 30 - 20 - 17- 15 - 12 - 10 - 6 - 2

The club will be operating this Special Event for the entire week. You are encouraged to search for us on all the bands at no specific time. If you would like a commemorative QSL Card, please include a SASE along with your card and one will be mailed to you after the event. Donations are always appreciated and help pay the cost of stamps and envelopes for folks who don't send us their SASE's. We also QSL via LOTW.

W5I

PERRIN AIR FORCE BASE MUSEUM SPECIAL EVENT
STATION



Visit: www.perrinfield.org



Fox Hunt

Saturday, May 20, 2023

Starting point...Grandy's, Sherman, TX

Start time...9 AM

End time...12 PM

Frequency of Fox...146.565 Mhz

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

2

Clues...Denison, TX & 34

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](#)

A beginner Foxhunting article can be found in the May 2023 QST, page 55. In it you will find everything hams should know about this exciting radio direction-finding sport. Also, Fox hunting info can be found on the club website.



General Class Test Pool Changes July 1st



New General Question Pool Released for Ham Radio Licensing Effective July 1, 2023

The National Conference of Volunteer Examiner Coordinators' (NCVEC) Question Pool Committee (QPC) has released the [2023 - 2027 General Class FCC Element 3 Syllabus and Question Pool](#) to the public. The new General Question Pool is effective July 1, 2023, through June 30, 2027.

The new pool incorporates some significant changes compared to the 2019 - 2023 version. Its 432 questions were modified slightly to improve wording and to replace distractors; 51 new questions were generated, and 73 questions were eliminated. This resulted in a reduction of 22 questions, bringing the total number of questions in the pool down from 454. The level of difficulty of questions is more balanced, and the techniques and practices addressed have been updated.

The [pool](#) is available as a Microsoft Word document and PDF. The single graphic required for the new General Question Pool is available within the documents, or separately as PDF and JPG file formats.

"The newly revised pool must be used for General-class license exams starting July 1, 2023," said ARRL VEC Manager Maria Somma, AB1FM, who is a member of the NCVEC Question Pool Committee.



ARRLVEC
Volunteer Examiner Coordinator®

General class examination candidates preparing for their exams using the 9th edition of [The General Class License Manual](#), and/or the 6th edition of [ARRL's General Q & A](#) are encouraged to test by, or before, June 30, 2023.

New editions of ARRL licensing publications will be available in May, for exams taken on, or after, July 1, 2023.

[2023-2027 General Class FCC Element 3 Syllabus and Question Pool](#)

[The General Class License Manual](#)

[ARRL's General Q & A](#)





Winter Field Day Results

Winter Field Day was a great success this year. We had a great place to set up our radios at Eisenhower State Park. We held our 1st Chili Cook Off and everyone had a good time. The results have finally been announced and we did very well as a club.

We operated in the O3 class...which was Outside with 3 radios. Our final score was 5948 points.

There were 69 entries in the O3 class in the United States and Canada. We came in 12th place overall. In the NTX, North Texas, Section there were a total of 7 entries, and we came in 1st place.

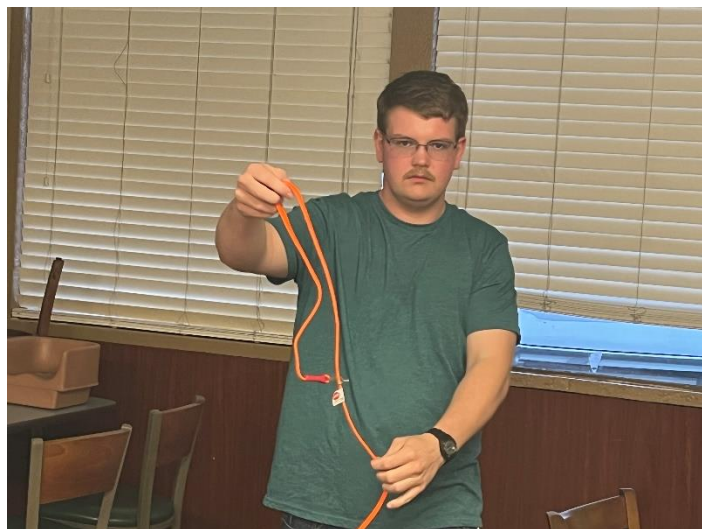
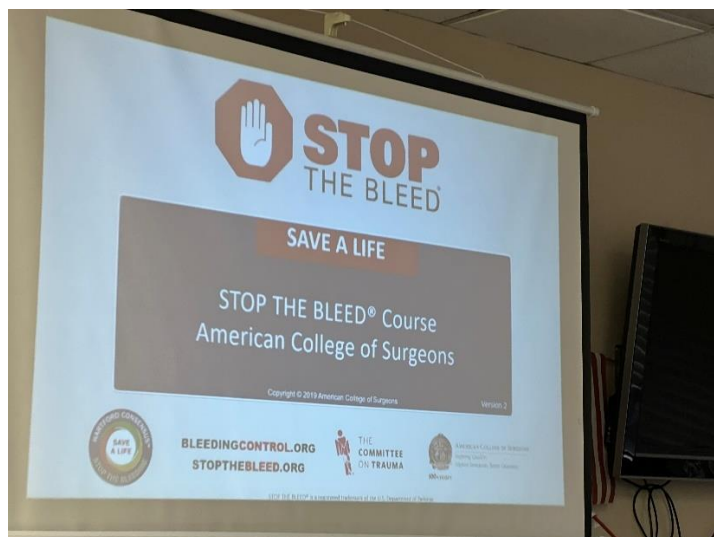
Congratulations to everyone who participated and helped. Great job!



“Stop the Bleed” Presentation given by Trevor Reed – KG5BFI

The son of one of our members Roy Reed (AF5VA) gave his presentation on ‘Stop the Bleed’ at the April Meeting last month. Necessary steps to ‘stop the bleed’ in certain life-threatening situations were covered by Trevor (KG5BFI) which is always a presentation that never seems to get old. For those who do not know, Trevor was our Club President in 2018, and grew up with Dad as they participated together in storm chasing while providing emergency communication information to ARES and the weather service. Now he is a paramedic and fire fighter for Bonham and Howe fire departments. I can recall a time when Trevor was president of the GCARC, that there was a grass fire situation in July of 2018 and Trevor could not make the meeting. Likewise in August 2018, Trevor missed the meeting because of another weather event. Trevor is one of those souls that constantly gives to his community. As mentioned presently, he works for 2 different fire departments and donates much of his time to the cause. I’m sure that his dad, Roy – AF5VA is very proud of him.

Immediately below are a few of the pictures taken at the April club meeting during his presentation. A special thank you goes out to Trevor for giving us his ‘Stop the Bleed’ presentation.





DFW HAM EXPO – SATURDAY JUNE 3rd 9am-3pm

This Event will take place at the Vista Mall in Lewisville Texas in about three weeks on June 3rd, 2023. It is known to be Denton's Newest Hamfest in only its second year. There are lots of tables available and there will be an outside tailgate area.

There will be some great prizes.



Grand Prize - Yaesu FT-710 AESS

First Prize - Yaesu FTM-400

Other Hourly Prize Drawings

BeLoud.US Remote Radio

Alpha Antennas

The website for the event can be found at:

<https://www.dfwhamexpo.com/>



Magic Band – 6 Meters

Now is the time for the “Magic Band” to take off for Spring 2023. We’ve had at least 2 early previews of 6 Meter openings so far, but May is usually when 6 Meters starts getting interesting and the opportunities for DX or chasing WAS or grid squares start appearing. So, dust off the 6 Meter part of your HF radio, and check out and spruce up your 6 Meter antenna(s) and start checking PSK reporter (or your alert service of choice) for daily 6 Meter openings. It’s Magic!

If you need a refresher on 6 Meters, Jim Wilson K5ND has some tips for 6 Meters in a free book on the subject (Capturing the Magic of Six Meters) that you should read.

<https://k5nd.net/2020/08/capture-the-magic-of-six-meters-ebook/>

GCARC Summer Field Day – 2023 – K5GCC June 24th and 25th

In just 6 weeks from now, **Summer Field Day** will be upon us. It’s known as being the premier operating event each year in amateur radio. The club will be operating class **3A NTX this year**. The event is held from 1PM local time on Saturday until 1PM local time on Sunday.

The Club has a new place for the activity this year. Pecan Grove Park and the Eisenhower State Park will not be available this year, but instead, the club will now hold the annual event at the **Eisenhower Birthplace in Dennison Texas**.

Being considered a **POTA park location** with the designator of **K-6553**, the POTA activators belonging to the club will also be activating the park during that weekend. Entrance to the birthplace location is free with access throughout the night. The Field Day operators will be using the covered picnic area located behind the restrooms. Immediately up front of the picnic area are the restrooms. There will be lots of good food for lunch and dinner on Saturday, and a camp-out on Saturday night.

As the ARRL states on their website, “Field Day is ham radio’s open house. Every June, more than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio’s science, skill and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Field Day has been an annual event since 1933 and remains the most popular event in amateur radio. This is a regular annual event that the GCARC sponsors each year is the ARRL Summer Field Day for its members. For this year, circle off the dates of June 24th and June 25th on your calendar if you plan to participate or to just stop by and visit.

Mike Coffman – KI5NUI has volunteered to coordinate the summer event this year for the club. With his help, the event should run smoothly and be a very exciting one to participate in. Contact Mike if you have any questions or would like to help in any way.



Local and Regional Repeater Systems in and near Sherman Texas

<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
<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-gcsrc/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.



K5GCC

Grayson County Amateur Radio Club Apparel Order Form



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

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





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

	Men/ Ldy	Qty	Ext
First Name _____ (as you want on clothing)			
Last _____			
Call _____			
Payment _____			
<small>Make checks Payable to: GCARC</small>			
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			

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