



# GRAYSON COUNTY AMATEUR RADIO CLUB



GCARC  
GRAYSON CO. TEXAS USA

November 2022

Having Fun with Amateur Radio

Vol 28, No 11

## Events Coming Up

### Next Club Event

**Christmas Party**  
**December 20<sup>th</sup>**  
**Grandys**  
**In**  
**Sherman @ 6PM**

### 1<sup>st</sup> and 3<sup>rd</sup> & 5<sup>th</sup> Sunday Nets

Dates/Net Control:  
11/6 - James – KW5CW  
11/20 – Ricky – KG5FDT  
Time: 8:00 PM Local  
Repeater: 147.000+

### Next Regular Club Monthly Meeting

Date: November 15, 2022

Time: 7:00-8:45 PM

### Location

Grandy's Restaurant  
Sherman, Texas

### Hungry Hams Breakfast

Every 3<sup>rd</sup> Saturday of  
each month..  
8AM at Grandys

### Winter Field Day

Jan 28 and 29

## PRESIDENT'S QSO

CQ CQ CQ....

We again had a very successful Eisenhower Special Event, and on October 8<sup>th</sup> at the Eisenhower Birthplace State Historic Site in Denison we set up the club radio and operated in the rain, thanks to all that showed up to help. We had several stop by to check us out and we will gain some new members because of it.

We met at Grandy's in Sherman for our October meeting. I had to work; however, I was told we had a great turnout with new and old hams alike. Our own Ralph Jerome had a presentation on "Fox Hunting" He discussed equipment, antennas, etc. and had our newly acquired "Fox" on display. Thanks to VP Ricky Jessen and Ralph for handling the meeting in my absence.

Since we have so many members out of town on November 12, (I have a funeral) we are canceling the Solar/Emergency power group and the Fall Family Fun Event at Pecan Grove Park West. We will reschedule for late spring.

Our annual Christmas party will be held at Grandy's in Sherman on Tuesday December 20<sup>th</sup> at 6:00pm. We are working on door prizes and gifts so be sure to attend. Also, "Winter Field Day" is fast approaching. Be thinking about a location for this important event.

As your club president for 2022, 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 November meeting.

73

James "Ship" Shiplet, KI5BMN  
GCARC President - 2022



**2022 GCARC CLUB OFFICERS**

President: James Shiplet – KI5BMN – ([president@graysoncountyarc.org](mailto:president@graysoncountyarc.org))

Vice President: Ricky Jessen – KG5FDT – ([vp@graysoncountyarc.org](mailto:vp@graysoncountyarc.org))

Secretary: David Darcy – ([secretary@graysoncountyarc.org](mailto:secretary@graysoncountyarc.org))

Treasurer: Ralph Jerome – KI5NUK – ([treasurer@graysoncountyarc.org](mailto:treasurer@graysoncountyarc.org))

Director at Large: James Frank - KW5CW ([directoratlarge@graysoncountyarc.org](mailto:directoratlarge@graysoncountyarc.org))

License Trustee: Rick Simmons - K5ECX ([rr52s@yahoo.com](mailto:rr52s@yahoo.com))

Webmaster/Newsletter Editor/Officer at Large: James Frank - KW5CW ([editor@graysoncountyarc.org](mailto:editor@graysoncountyarc.org))

**Club Address**

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

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**Grayson County ARC Monthly Meeting Minutes October 18, 2022****By Secretary David Darcy – KF5LKG**

Vice President Ricky Jessen -KG5FDT began the meeting at 19:02 by starting off with by bringing up safety suggestions that his past work job would start off every day with talking about work locations, where we are currently now at and at home locations and who would be the second person calling if we had a medical emergency and needed help. When all funny comments were made the club went into the Pledge of Allegiance.

No new members were here, no guests and no new upgrades, following this we went into member introductions.

Club Treasurer- Ralph Jerome-KI5NUK, Club Secretary-David Darcy-KF5LKG, Jimmy Patterson-KC5OLH, Carla Patterson -who won the door prize patch at last month's meeting, Mike Whitten-KI5IPH, Club Director at Large-James Frank-KW5CW, Club Vice President -Ricky Jessen-KG5FDT, Glen Willie-WW5GRW, Lee Sly-N5SLY, Andrew Bentley-KG5SKM, Roy Reed-AF5VA, Michael Coffman-KI5NUI, Les Key-KI5TQK, Cliff Oglesby-K5DCO, Marvin Schiavone-KG5GMA

He discussed for the club minutes and asked for a vote for their approval, Roy Reed-AF5VA made the first motion to accept them and Les Key – KI5TQK seconded the motion, with all club members there voting for approval of the minutes.



Club Treasurer Ralph Jerome- KI5NUK gave the treasurer report talking about it with Vice President Ricky Jessen KG5FDT showing it off in bigger print this time for all the members to see it on the screen.

New Business agenda: there will be a fall social gathering at Pecan Grove Park West November 12 from 10-2 Hamburgers and Hotdogs bring family.

Old Business: Had the Heritage Farm Festival over in Fannin County at Sam Rayburns House and met some of their club members and we put up a radio for POTA activations. Also had a Special Event station put up at Eisenhower's birthplace in Dennison again this year plus did POTA as well. Lee Sly-N5SLY the "in charge guy for our Special Event stations" said we have 8K of contacts so far and is expecting well over 10k to 12k contacts from all over the US.

The club received POTA awards for making POTA contacts in Working All States and working over 600 different unique parks then we made another award for making contacts with over 700 parks, we received the late shift and early shift awards as well.

Hungry Ham 3rd Saturday breakfasts at 08:00 have been successful at the Grandy's.

Club Vice President Ricky Jessen - KG5FDT brought up that the club officer elections are coming up and that anyone can be nominated, Lee Sly N5SLY made the nomination that all officers to be renominated in their present positions again, Ricky making the comment that next year elections all officers would have to change positions. Send in your nominations or make them at next month's meeting.

Club Treasurer Ralph Jerome -KI5NUK put on the club presentation talking about the Fox Hunt transmitter and informed the club that we will be using the new transmitter and let us hear the tones it is transmitting and the morse code club call ID, it will transmit at 146.565mhz. He then used the presentation screen to show how to give an idea of how to locate the transmitter with antennas and radios and using maps.

Director at Large -James Frank KW5CW who leads the Antenna group said the Antenna Group will be having their meeting November 2 at the airport on Dewey St. at 19:00 to 21:00. He will be talking about magnetic loop antennas.

The Solar Group will be meeting at Pecan Grove West at 09:00 November 12 right before our gathering to begin a FOX hunt.

James Frank KW5CW says that Ron Witherington WX5A is stepping down from doing the club's testing due to his work obligations and that if anyone wants to step up and take over, they are welcome. There are requirements for the position of VEC, one being that you must hold an Extra class operator license.



Carla Patterson won the door prize (again) for this month which are the highly UV rated tie wraps with the metal clip inside that Michael Coffman -KI5NUI brought as the prize to give out. Roy Reed - AF5VA won the 50/50 which was total of \$34, and Roy donated his winnings back to the club.

Ricky said that everything was finished that was on the club meeting agenda and asked for closing the meeting.

Marvin Schiavone KG5GMA made the motion for the club to end the meeting, all members rejoiced and approved.

## **Upcoming Grayson County Amateur Radio Club Activities and Events**

**Club Information Net – November 6 – Net Control – James – KW5CW**

**Monthly Club meeting at Grandys - November 15**

Agenda

Nominations and Election of Officers for 2023

Christmas Party Planning

Monthly Presentation TBA via HamClubOnline/Facebook

**Hungry Hams Breakfast – November 19 – Grandys at 8:AM**

**Club Information Net – November 20 – Net Control – Ricky – KG5FDT**

**Antenna Group meeting – November was cancelled**

**Next meeting December 7<sup>th</sup> at**

**The Sherman Municipal Airport on Dewey St. 7-9PM**

All members of the GCARC and guests are welcome to attend. The antenna topic for the evening may be available at the next club meeting on November 15, but will be announced via HamClubOnline, Facebook and the Club website.

**THE GCARC CHRISTMAS PARTY – December 20<sup>th</sup> at Grandys 6 PM**

### **NOTICE...**

The website will be going into Maintenance mode on the evening of November 15th, after the GCARC Club meeting at Grandys. When it comes back online, everything should work, and all links should be accessible.



## Treasury Report for October 2022 – by GCARC Treasurer Ralph Jerome

Grayson County ARC - Treasurers Report	Amount
October 2022	
	<b>2,470.78</b>
<b>Income - Note PayPal payments don't include fees</b>	
<b>Income - Note PayPal payments don't include fees</b>	
50-50 Raffle from October	34.00
QSL Card Donations	31.00
Dues Paid - Rebecca M	18.81
Dues Paid - David D	18.81
Dues Paid - Bradley L	18.81
<b>Total Income</b>	<b>121.43</b>
<b>Expenses</b>	
Laptop Bag	
<b>Total Expenses</b>	
<b>Ending Bank Balance</b>	<b>2470.78</b>
<b>Cash on hand</b>	20.00
<b>Total cash on hand</b>	
<b>Checks &amp; other funds to be deposited</b>	
QSL Cards	31.00
50/50	34.00
Dues	56.43
<b>Total Checks &amp; other funds to be deposited</b>	<b>121.43</b>
<b>Final Total at time of report</b>	<b>2,592.21</b>
Submitted by Ralph Jerome 10/31/2022	



Grayson County ARC Budget Items Calendar Year 2022	Budget Amount	Actual Expenses
<b>Operating Events</b>		
<b>+</b>		
<b>Winter Field Day</b>	50.00	0.00
Food, Drinks & Supplies		
<b>Perrin Field Museum Special Event</b>	50.00	0.00
Food, Drinks & Supplies		
<b>ARRL Field Day</b>	50.00	0.00
Food, Drinks & Supplies		
<b>Red River Bridge War Special Event</b>	50.00	0.00
Food, Drinks & Supplies		
<b>Eisenhower Birthday Special Event</b>	50.00	0.00
Food, Drinks & Supplies		
<b>Light Bulb QSO Party</b>	50.00	0.00
<b>Operating Events Total</b>	<b>300.00</b>	<b>0.00</b>
<b>QSL Management /Administrative/Finance</b>		
PO Box Rental	140.00	156.00
LOTW Awards	0.00	
PayPal Fees	50.00	35.96
WS Incoming Bureau	0.00	
ARRL Outgoing QSL Service	0.00	
<b>QSL Management /Administrative/Finance Total</b>	<b>190.00</b>	<b>191.96</b>



Christmas Party		
Christmas Party Expenses	150.00	
<b>Christmas Party Total</b>	<b>150.00</b>	
Equipment Hard/Soft		
Radios "Fox"	120.00	155.00
Antennas	0.00	
Accessories (Case for projector)	100.00	62.77
Accessories (Cable Antenna Tuner)	50.00	49.39
Accessories (New Computer)	350.00	306.97
Web Site & Domain Renewal	24.00	24.34
<b>Equipment Hard/Soft Total</b>	<b>644.00</b>	<b>598.47</b>
<b>Total Budget Approved</b>	<b>1,284.00</b>	<b>790.43</b>
<b>Approved Budget Balance</b>		493.57
Budget approved 1/18/2022		

50 - 50 Raffle Christmas Gift Fun	Cash on hand	Deposit to checking	Total
<b>Beginning Balance</b>	<b>0.00</b>	0.00	<b>12.70</b>
2022			
January	0.00	30.00	30.00
February	0.00	46.00	46.00
March	0.00	41.00	41.00
April	0.00	34.00	34.00
May	0.00	68.00	68.00
June	0.00	95.00	95.00
July	0.00	33.00	33.00
August	0.00	84.00	84.00
September	0.00	33.00	33.00
October	0.00	34.00	34.00
November			
December			
<b>Balance</b>		498.00	498.00
<b>Gift Purchases</b>			
<b>Ending Balance</b>	0.00		<b>498.00</b>



## QSL Managers Message

The Eisenhower Birthday Special Event is QRT for another year and this year's event was very, very successful. Last year we started using the 10 1X1 call signs during this event and over the last 2 years we have made over 20,000 QSO's. This year we had our first Clean Sweep winners...there were 2 of them. Last year we had none.

Congratulations to...

AC0CU, Patty in Missouri & W9RF, Joe in Illinois...for getting Clean Sweep's.

Also, I would like to recognize WB9HLA, Gene in Indiana and K6ZAP, Marc in California for contacting 9 of the 10 stations during the event. Well done! Gene only needed W5I and Marc only needed W5N to get their Clean Sweeps.

Parks On The Air, POTA, was very popular this year with our operators. We made over 800 contacts with other stations in parks across the country during the event. I did learn one hard lesson this year regarding our 1X1 call signs and stations working together while activating a park (passing the mic). According to POTA rules club stations using 1X1 call signs cannot work together while activating a park (you can't pass the mic to someone else even though you are using a different 1X1 call sign). The reason the POTA folks gave is because the 1X1 call signs are registered to the clubs call sign, K5GCC, and passing the mic is like talking to yourself. Oh well, live and learn.

The club set up our radio at the Eisenhower Birthplace (K-6553) on October 8, and we successfully Activated that POTA park 5 times during the day using our 1X1 call signs. It was a great way to kick off the event.

My thanks to all the guest operators...all y'all did a great job! Again, they were...K7RKO, Paul in Nevada. KC1YL, Lisa in Florida. KJ6ER, Greg in California. KB3WAV, Kerri in Maryland. NF1T, Julia in Florida. And Greg, N3ARS in Maryland.

All the operators in Texas also did a great job. My thanks to Jim, K5QOI; Marvin, KG5GMA; James, KW5CW; Chris, K5KDE; Dave, NG5E; Ricky, KG5FDT; Ralph, KG5NUK and Mike, KG5NUI.

The best thing about this event was that everyone was having fun participating...and that is what this is all about.



## And now for some Excruciating Details....

## Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
----	--	-----	---	-----	---
80	4	3	874	881	7
60	0	0	10	10	0
40	39	545	1,735	2,319	19
30	13	0	263	276	2
20	394	2,631	2,610	5,635	47
17	8	155	418	581	5
15	94	367	439	900	7
12	1	110	326	437	4
10	26	229	660	915	8
6	0	14	11	25	0
2	0	29	0	29	0
1.25	0	9	0	9	0
70cm	0	22	0	22	0
----	--	-----	---	-----	---
Total	579	4,114	7,346	12,039	100

## Total Contacts by Country:

Country	Total	%
-----	-----	---
USA	8,713	72
United States	1,099	9
Canada	527	4
Japan	392	3
Spain	168	1
Italy	132	1
Federal Republic of Germany	112	1
France	81	1
England	61	1
Netherlands	52	0
Brazil	42	0
Australia	38	0
European Russia	34	0
Argentina	32	0
Mexico	29	0
Poland	29	0
Indonesia	27	0
Cuba	25	0
Dominican Republic	22	0
Ukraine	22	0
Belgium	21	0
Croatia	19	0
Venezuela	18	0
Puerto Rico	17	0
Slovenia	17	0
Bulgaria	16	0
Asiatic Russia	14	0
Greece	14	0
Hungary	14	0
Portugal	12	0
Romania	12	0
China	11	0
Republic of Korea	11	0
Alaska	10	0
Czech Republic	10	0



Hawaii	10	0
Ireland	10	0
Scotland	10	0
Finland	9	0
Panama	8	0
Belize	7	0
New Zealand	7	0
Sardinia	7	0
Sweden	7	0
Switzerland	7	0
Canary Is.	6	0
Chile	6	0
Austria	5	0
Azores	5	0
Colombia	5	0
Ecuador	5	0
Northern Ireland	4	0
Norway	4	0
US Virgin Is.	4	0
Kazakhstan	3	0
Slovak Republic	3	0
South Africa	3	0
Trinidad & Tobago	3	0
Wales	3	0
Bosnia-Herzegovina	2	0
Corsica	2	0
Denmark	2	0
Guadeloupe	2	0
Kenya	2	0
Lebanon	2	0
Uruguay	2	0
Angola	1	0
Cayman Is.	1	0
Cayman Islands	1	0
Comoros	1	0
Germany	1	0
India	1	0
Kingdom of Eswatini	1	0
Lithuania	1	0
Madeira Is.	1	0
Mauritius	1	0
Pakistan	1	0
Paraguay	1	0
Peru	1	0
Sint Maarten	1	0
Suriname	1	0
Taiwan	1	0
Turkey	1	0
Uzbekistan	1	0
Vietnam	1	0

Total = 85

We did make contacts in all 50 states of the USA and got some great DX as well.

As you can see...the Digital Modes were the most popular with FT8 being by far the most popular Digital Mode. There were a bunch of FT4 contacts as well and a few PSK31 contacts.

Phone contacts were the 2<sup>nd</sup> most popular mode followed by CW.

The Clean Sweep winners both used all the modes...Digital, Phone and CW, to contact all the stations which confirms my belief that using more modes is better than concentrating on only one. Thanks again everyone for your participation.



## Upcoming 'Information Net' Control Operators in 2022

November 6 – James – KW5CW

November 20 – Ricky – KG5FDT

December 4 – Ron – WX5A

December 18 – Jim – KI5BMN

## Special Interest Groups Update

There hasn't been much activity surrounding Special Interest Groups within the last 90 days. I suspect that with the upcoming holidays, that there will be little if any activity throughout the rest of this year except for the following...

Two of the groups, the Solar Power Group and the Antenna Group are still active, and meeting for Solar may take place before the end of the year. Jim Shiplet will inform the club when and where the solar meeting and demonstration can be held if scheduled.

The meeting scheduled for the Solar Group led by President James Shiplet was to be on November 12, starting at 9:00AM at Pecan Grove Park in Sherman but that commitment cannot be met and has been cancelled.

The next meeting scheduled for the Antenna Group is on Wednesday, December 7, 2022 at the Sherman Municipal Airport on Dewey Street. Notices were sent out via HamClubOnline and FaceBook explaining that the November meeting at the Airport has been cancelled. A questionnaire has been sent to all club members via Hamclubonline. This questionnaire should be returned to me by email, or by just a note by email explaining interests, or in person at a regular club meeting.



## Special Interest Groups Updates on HamClubonline instead of the GCARC Website

To keep everyone in the GCARC informed as to what is happening with the Special Interest Groups, periodic updates will be sent to the members via HamClubonline. Normally, I would want to update the membership with this information on the club website. There are outstanding issues with the website that will be addressed shortly. This will require the website be taken off-line to resolve the present issues. The website is scheduled to go offline immediately after the November GCARC monthly meeting at Grandy's on November 15. It may take a few days or longer to resolve the issues, so please be patient. It will be back online as soon as possible. Then updates of the special interest groups will be on the website, along with Facebook and Hamclubonline.

## 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. Yearly dues are good for 365 days from the day that you sign up.

## NEXT Amateur Radio Testing in Sherman is December 1, 2022

Location: Grayson County College

CWL Seminar Room C

Denison Texas

Time: 7:00PM

Sherman testing is held on the first Thursday of each EVEN-numbered month (Feb, Apr, Jun, etc.) at the Grayson County College, Center for Workplace Learning Seminar Room C, 6101 Grayson Drive, Denison TX 75020 at 7:00 PM. If there are any changes or cancellations, the membership will receive an email stating the status. For more information, contact: Ron Witherington, WX5A, at [rwitherington@verizon.net](mailto:rwitherington@verizon.net) or at: (214) 394-7950 CALL FIRST !



## **\*Important\* Note about VEC – Ron Witherington – WX5A**

Ron will not be able to continue testing as the VEC for Grayson County in 2023. He is asking for a qualified person that could take over the responsibilities of Volunteer Examiner Coordinator for the County. This person must be a ham that is an Extra Class Operator. If you feel that you can perform in the capacity of an ARRL VEC for Grayson County, then please contact Ron Witherington – WX5A at either his email address or phone number listed above. He will explain the responsibilities and the duties of this position and determine if you are qualified.

## **Election of Officers for 2023 and Upcoming Christmas Party**

The month of November is always an important month for the club. Each year the club nominates and elects the officers to serve the following year. The election will take place at our next meeting on November 15. It is also the last regular club meeting of the year, as the the Christmas Party takes place on the night of the 'would be' December meeting. So the Christmas party is scheduled for Tuesday, December 20<sup>th</sup>. For the last 3 years, the Christmas party has been held at our old meeting place – Mariachi's. Now that we have moved our meeting location to Grandys, our Christmas party will now be at Grandys this year. Please put that date on your calendar.

## **Operating Radio Contests in November (LOOK OUT!)**

If you were ever involved in amateur radio contesting, you would know that NOVEMBER is a terrific month for contesting, but not a very good month for POTA or QRP operation. Why? The agenda for contests this month are the following...

**The ARRL November Sweepstakes CW from November 5 through November 7**

**The ARRL November Sweepstakes – Phone from November 19 through November 21**

**The CQ WorldWide DX Contest – CW November 26 and 27**

This can only mean one thing. The bands will be crowded and if you planned to have a regular QSO with someone, most likely you wouldn't find an open spot to transmit. There are other contests throughout the week. But, at least the Amateur Radio Community has some relief here.



Contesting is NOT permitted on the 12, 17, 30 and 60 meter WARC bands, so you can carry on your regular communications there during the contests and not be bothered by contesters on the WARC bands. POTA, SOTA, WWFF are not contests, so they are permitted on any band using the mode of operation that is valid for that band and frequency. Be advised that these contest activities WILL HAPPEN IN NOVEMBER!

For me, it's "if you can't beat them, join them". Normally I normally run Parks on the Air (POTA) whenever I get a chance to do so. But since there are not just one, but two CW contests this month, I'm changing my venue to contesting and as always will have lots of fun. I've always hated the way contesters just take up the entire bands and have no sympathy for QRP stations or stations with HOA antennas. These contesters turn up the Power, fire up their radios and point their log periodic antennas which can make regular normal non-contesting hams go crazy. I won't be using an amplifier, and I don't have a log periodic antenna to use, so I'm sure I'm not going to win any contest. But the nature of our hobby gives us the ability to try different things and mainly for one purpose. TO HAVE FUN!

In December, the following contests take place...

**The ARRL 160 Meter Contest from Dec 2 through December 4**  
**The ARRL 10 Meter Contest from December 10 through December 11**  
**The ARRL Rookie Roundup – CW on December 18**

All of these contests have rules. Where do you find the rules? Of course in QST. Which edition of QST? It so happens that every year in November, there is a contest calendar printed in QST. This year (2022), the listings appear on page 65 and this year's entry explains how contests work, and gets down to the nitty-gritty regarding exchanges that need to be made, even how to setup for digital contesting, how to log with WSJT-x. If you think that contests are too hard and confusing, then check out page 71, which lists 10 tips for new contesters. We are not talking POTA here. We are not talking about Field Day. These are contests that contesters live for. If you're not interested in HF contesting, then you may be interested in VHF/UHF contesting. In that case, check out page 72. These contests are not for the lazy or weak. They are not contests that a club will have a weekend get-together to do. Contesters don't stop in the middle and take a break with their local club and have a picnic. Some of them don't even go to sleep.

Contests have been around for as long as I can remember. Yes, they can be aggravating to listen too especially if you want to find a clear spot on the band to call CQ. Why can't they go to the WARC bands and leave the regular bands alone? That's something to ask the FCC and ARRL. James – KW5CW



## 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>
<a href="#">147.0000</a>	+0.6 MHz	100.0 / 100.0	Sherman	Grayson	W5RVT	OPEN	FM EchoLink
<a href="#">147.2800</a>	+0.6 MHz	107.2 / 107.2	Sherman	Grayson	W5COP	OPEN	FM EchoLink
<a href="#">441.3250</a>	+5 MHz	82.5 / 82.5	Sherman	Grayson	KG5SKM	OPEN	FM EchoLink
<a href="#">444.7500</a>	+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

#### **NCTC UHF Bonham**

443.750 +5 offset

PL 100

#### **KF5SOX UHF Bells**

444.950 +5

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](http://www.graysoncountyarc.org)

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

✚ Submit articles for GCARC newsletter to: [editor@k5gcc.org](mailto:editor@k5gcc.org)

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

Donate

Be our HERO - and Click here to Donate to GCARC Club

## 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



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
<small>(w/ left pocket)</small>	
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