



# GRAYSON COUNTY AMATEUR RADIO CLUB NEWS

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July 2018

WWW.GRAYSONCOUNTYARC.ORG

Vol. 24, No. 7

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*The Monthly Meeting now resides on the 3<sup>rd</sup> Tuesday of each month, 7PM at the Grayson County Courthouse, Sherman Texas*

*The Grayson County ARC Information Net resides on the 1<sup>st</sup> and 3<sup>rd</sup> Sunday at 8:00PM CT on 444.750 + 5MHZ - 100.0. PL Tone  
The net will soon be moved back to the 147.000 Repeater*

## The President's QSO

Hi all,

Unfortunately I wasn't able to attend the July meeting as when I was getting ready to leave the fire station we got toned out for a grass fire. And if I'm at the station I can't pick and choose which calls I go to. So I had to go. But the meeting from what I know was full of information for the bike rally. If you would like to sign up, please let me know or you can notify Ben KF5OEB at [KF5OEB@arrl.net](mailto:KF5OEB@arrl.net). Mark and I will be Net Control. I am looking forward to see everyone at the bike rally and the next club meeting.

Trevor Reed

KG5BFI

[President@k5gcc.org](mailto:President@k5gcc.org)

## **Officers**

President: Trevor Reed - KG5BFI  
Vice President &  
QSL manager: Lee Sly - N5SLY  
Secretary: Jim McGlynn - K5QOI  
Treasurer: Marvin Schiavone - KG5GMA  
Event Coordinator: Andrew Bentley - KG5SKM  
Trustee: Rick Simmons – K5ECX

## **Meetings**

When: 3<sup>rd</sup> Tuesday of each month  
Time: 7:00pm (1900 hours)  
Location: Grayson County Courthouse  
100 W. Houston Street  
Sherman, TX 75090  
GPS: 33.38.18N, 96.36.59W

## **Mailing Address**

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

## **MEMBERSHIP DUES**

Individual: \$20.00/yr  
Family: \$30.00/yr  
Associate (non-Ham) \$15.00/yr

## **Newsletter**

Published: Monthly via e-mail  
Editor: James Frank – KW5CW  
To submit news or  
e-mail changes: [Send E-mail to  
KW5CW@arrl.net](mailto:KW5CW@arrl.net)  
Submission  
Deadline: 8PM on the Saturday following each monthly meeting

## **WEBSITE & SOCIAL MEDIA**

Address: [www.graysoncountyarcc.org](http://www.graysoncountyarcc.org)  
Webmaster: James Frank - KW5CW  
Facebook page:  
[www.facebook.com/groups/K5GCC](https://www.facebook.com/groups/K5GCC)

*Memberships are from January 1-December 31*

## **Dues and Donations**

Membership dues are payable upon joining and renew on January 1<sup>st</sup> of each year. Donations to support the club are always welcome. Dues and donations may be paid by cash or check at any monthly GCARC meeting and by mail, or by using a credit or debit card online at the GCARC website.

## **GCARC, ARES, and SKYWARN Patches**

GCARC club patches are available and may be purchased at each club meeting; cost is \$5.00 each. These are round patches with the club logo, and are great for wearing on vests and other non-club clothing, placing on equipment bags, go-kits, etc.

ARES and SKYWARN patches may also be purchased at each club meeting; cost is \$4.00 each. If you choose to wear patches on your club shirt or jacket, we recommend ARES members place the ARES patch first on the right shoulder and any other patch (SKYWARN, RACES, CERT, etc.) should go below it. Since some members have tactical shirts with pen pockets on the left sleeve we do not recommend placing any patches on that side.

## **Club Clothing Orders**

Several times each year, members have the opportunity to purchase club-related clothing (shirts, caps, jackets, etc.). These items have the GCARC logo and the member's name and callsign embroidered on them. An order form with instructions will be included in the newsletter each time orders are being taken.

*"It shall be our purpose to further the exchange of information and cooperation between members, to promote radio knowledge, fraternalism and individual operating efficiency, and to so conduct club programs and activities as to advance the general interest and welfare of Amateur Radio in the community."* From the GCARC Constitution

# Grayson County ARC Meeting Minutes 7/17/2018

Meeting minutes recorded by Lee, N5SLY, as Jim, K5QOI, was unable to attend.

Meeting started at 7 PM

14 members and guests attended.

DeLisa and her son Klint Catalane were our special guests this evening. Klint is working on getting his Technician license. Gave them some information to get them started and invited them to attend our Red River Bridge War Special Event at Perrin Field Museum next Saturday.

Also had several visitors from the Kiwanis in attendance to update us on the upcoming Red River Bike Rally in August.

Treasurers Report was given and was approved by all.

Field Day results were reviewed. 260 QSO's – 198 CW and 62 Phone. Results have been forwarded to ARRL so they know that we participated. A good time was had by all who attended. However many members have recommended that a new site be used next year, so we are going to start looking now for a new site. If you have any recommendations please let the club know.

The Red River Bridge War Special Event is going on all week and members can operate any time they want to using any band and mode. The only requirement is that they follow the band plan for the license they hold and send their logs to Lee, N5SLY, when the event is over. We will be setting up at Perrin Field Museum on Saturday, July 21 from 8:30 AM until about 3:30 PM. Lee, N5SLY, will bring the club radio and arrange to have the clubs vertical antenna on site during the event. Mark, KF5UZW, committed to contacting the museum about our visit on Saturday and getting our tower project moving along at the museum. At least 5 members said they would be attending along with several others guests that said they would attend as well.

The Kiwanis Red River Bike Rally was discussed. The routes have been set up as well as the rest stops. Visit <http://redriverbikerally.com/index.php> for information about the event. The club has committed to providing communication assistance again this year. We are going to need about 20 or 25 volunteers. There will be 10 rest stops and we'll need one person at each one. There are 5 routes and we'll need a mobile station for each one plus a couple more Rover mobile stations. Mark, KF5UZW, and Trevor, KG5BFI, will serve as Net Control. We'll be using the 444.750 Repeater as the 147.000 is still not reliable. If you will be able to help with this event please let us know.

Meeting was concluded at about 7:45 PM

## 2018 Treasurer Report – June 2018

Bank Balance as of 06.31.2018				1,450.56							
Operating Fund Beginning Bal				1,272.91							
	Deposits	Dues	Checks								
			Cash								
			Online								
			Clothes								
			Patches								
	Less expenses										
			online fee								
Operating Fund Balance				1,272.91							
** Members	YTD		35								
Available Equipment Funds				177.65							
Donation											
Less expenditures											
Equipment Fund Balance				177.65							
Ending Bank Balance as of July 16,2018				1,450.56							
Treasure											
Marvin Schiavone											

OPERATING BUDGET	
Post Office Box(Due FEB)	70.00
Checks	
Website	
<i>Special Events Deposit</i>	
Perrin	50.00
Eisenhower(Perrin)	50.00
RR Bridge War	50.00
<i>Food for Special Events</i>	
<i>Donations</i>	
Memorials	
<i>Total</i>	220.00

EQUIPMENT NEEDS	
Tower Bracket	151.89
Amount Budgeted	0

## VP & QSL Managers Message

I got home last night from our club meeting and wrote up the minutes from the meeting and sent them off to James and then looked at the clock and, "Holy Cow...it's getting late already." But I hadn't made any contacts today for our Red River Bridge War Special Event yet...so since the XYL wasn't even home yet, I turned on the radio and started calling CQ. And I'm glad I did. I made that one contact that completed 3 of the clubs LOTW (Log Book of the World) WAS (Worked All States) Awards. Got a confirmed contact from Rhode Island which finished off the 20 Meters, 20 Meters Digital and FT8 WAS Awards. Yahoo!!! I sure enjoy participating in these Special Events and it's great to get these awards too.

We will be setting up a couple of radios out at the Perrin Field Museum on Saturday, July 21, and everyone is invited to come out and participate. For some club members this is the only chance they have to get on HF and make some contacts. Actually, there are few of us in the club that are real active on the HF bands...and that is just fine. HF isn't for everyone and the whole purpose of the hobby is to enjoy what you like to do. But it is a lot of work to set up out in the field and with so few of us who are regular participant's maybe we need to re-think how we do these Special Events in the future. Maybe we should invite other clubs to join us? Or maybe invite anyone who enjoys HF and isn't a member of any club? Maybe we don't set up radios out in the field and just operate from our home shacks? Maybe we just have a cookout some time during the year so everyone can socialize...much like our Christmas Dinner every year. What are your thoughts?

The Kiwanis Red River Bike Rally is fast approaching and several of Kiwanis members paid us a visit last night during the meeting to give us an update on their event. It will be held on Saturday, August 11<sup>th</sup> starting at 7 AM, from the Hilton Garden Inn Hotel. We'll need 20 to 25 volunteers to man the rest stops and provide mobile communications during the event using the 444.750 Repeater. If you can help please let us know. What we know as of now is all available on this web site...<http://www.redriverbikerally.com/>. Ben, KF5OEB, is doing all the coordinating again this year for the event, so let him know if you can help. You can email him at...[bencsly@gmail.com](mailto:bencsly@gmail.com).

Other great ideas that haven't gone anywhere....

Rent A Radio – The club has a HF radio that any club member can rent for \$10.00 per month. It's the complete package...radio, power supply, antenna, coax. Everything you need to get on the HF bands, and we'll even set everything up for you. So if you are not sure you want to get involved with HF radio you can give this one a try and you won't be out a lot of money. Let us know if you are interested.

Putting up a tower at the Perrin Field Museum – we have been talking about this one for years now. No one has "Taken The Bull By The Horns" and run with it. I really wonder how much this will benefit our Club. As I said earlier, few of us are regulars during our events in the field and will this tower really be used that much??? If not...then why do it at all??? What do you think? I think what we really need is a Club House....but that's another great idea that will never go anywhere...at least not until the club has a lot more members than we do now...and a lot more money.

That's all for this month. Have fun doing what you enjoy in the hobby.

73

Lee N5SLY

[vp@k5gcc.org](mailto:vp@k5gcc.org)

## **Amateur Extra VE Team Lead Found for Exam Testing**

Ron Witherington, K5NKD, is the new VE Team Leader here in Grayson County replacing Moe Knight, NT7C, who taught Amateur Radio classes and served as a VE for the last 11 years. Congrats to Ron on his new position and a big thank you to Moe for all your years of service.

If you are interested in becoming a VE Ron is probably a great guy to get in touch with.

### **CW Corner**

I submit a CW column article each month called the 'CW Corner'. This column is supposed to be it. It appears that there is not much interest in CW these days, which may be partly due to the new digital modes. I have been slacking lately on CW too. So here you have an old dog, who was raised on CW now trying out the new digital modes, learning new tricks. For the past year or so, I've been involved working the digital modes of JT65, JT9 and the newest and now most popular digital mode of FT8. I operated at the Bridge River War Event at Perrin Field this past Saturday, and had lots of fun, even though I didn't make many contacts on CW. I enjoyed the comradery with other members who attended the event, and we even talked about things not even involved in amateur radio that we had mutual interest in. It was a great get-together, at least it was the way that I felt. Several club members showed up in the midst of the heatwave. It was nearly 110 degrees outside, and wouldn't you know it, the vertical antenna being used for 20 meter operations blew over later in the day, which put an end to the SSB operation on 20. I decided to let Marvin Schiavone – KG5GMA use my antenna which was the 6-band Hustler vertical that I put up at the airbase for the event. It was mounted on a 5 foot pipe, of which 4 feet was pounded in the ground. It wasn't going to blow over. I didn't care if the other station used it, because I seemed to want to talk to the members who showed up at the event instead of operating. But at the time, the operations would come to a halt anyway because it was late in the afternoon.

It's been a crazy month of July for me this year, being retired, not knowing what I want to do first, especially when it comes to this hobby. But there are only a certain number of seconds in a day, 86,400 seconds to be exact. And of course there are honey-do's to get done. I think I was planning at least 186,400 seconds per day to do what I wanted to do when I retire. I could not make allot of time for the Bridge River War event, not as much as I would have liked and most of it wasn't on CW when I did operate. This CW Corner report which I would like to call it, turned into much more than just a CW report, as this past weekend had a strange twist to it. Now, read a story within a story.

I have really come to like FT-8 and I could not stay away from that mode during the event. After putting up with the heat on Saturday, I decided to put up my vertical antenna at my home QTH again and work the event from home. The temperature was at least 110F in Anna, Texas when I put the vertical back up on Saturday evening at my home. Then, I fell asleep from exhaustion and didn't wake up until Sunday morning. I ran upstairs to my radio room Sunday morning, turned on the radio to make some 40 meter contacts before the band normally drops off until later in the afternoon, but I heard nothing. Surely there should still be some activity on 40 meters at 9:00 AM. Then I noticed that the SWR was very high. I looked outside at my 40 meter dipole and wouldn't you know it, the antenna was laying on the ground. So I put it back up on Sunday morning. But, wait just one minute. Tuning around the bands, I discovered that the 6-meter band was wide open, at least from the time that I discovered it at 9:00AM until late in the afternoon. I remembered I was able to previously load my 40 meter sloping dipole on 6 meters with a tuner and it performed quite well. I needed to make some quick contacts, because my log for the event was pretty empty, and it didn't look good.

So what the heck. I decided to try and make a few FT8 6-meter contacts using the W5I call. I configured the FT8 program I use - WSJT-X with the W5I call, and called CQ. Stations started calling me in groups of 3. At one time, I had 5 stations call me all at once. I felt that I was in a DX-Pedition, working from a remote island that everybody wanted to work. I didn't realize that my 40 meter sloping dipole worked so great on 6 meters. Boy, was I so wrong. Now get this. Come to find out, I wasn't using my 40 meter sloping dipole at all. I was using my folded over Hustler 6-band vertical. Yes, it was folded over, actually laying on the ground, but tuned on 6 meters using the built in tuner within my Kenwood TS-590SG.



Check the picture above. I made several contacts on 6-meters, using a vertical antenna cut for the HF bands that was lying on the ground. I would have never thought this to be possible. One thing is for sure, now I'm a firm believer of antenna tuners. Was this some type of NVIS phenomenon? My vertical RF signal was going straight up in the sky, as it was laying down in a horizontal plane on the ground.

Here is the list of 9 states that I worked on FT-8 using 6 meters on Sunday, using my Hustler 6 band trap vertical, laying on the ground. VA, AZ, MN, NV, GA, NC, AL, SC, NM. There were a total of 20 FT8 contacts made on 6 meter FT8. Then all at once, the band went dead. One second the band had signals peaking 20 over S9, then all of a sudden - Nothing!

The moral of this story, operate the mode that you enjoy. It's not all about CW. It's really not about just the low bands. Have fun in everything you do. But operate. You don't know what you are missing out of if you don't participate. But I do hope that all who does read this article will work the low bands sometime in there amateur radio careers.

73, James - KW5CW

## **Summer's Big Contest-The IARU HF World Championship-July 14-15**

On the cover of the July QST, was a picture of three amateurs involved in what is called "Summer's Big Contest" known as the IARU HF World Championship. The objective is to contact as many other amateurs, especially IARU member society HQ stations, around the world as possible using the 160, 80, 40, 20, 15 and 10 meter bands. Being a contest, the new WARC bands 12, 17, and 30 and 60 meter bands are not available for



contesting. This year's contest took place on July 14 and 15. The purpose of the event was to promote awareness of the IARU (International Amateur Radio Union). The IARU consists of over 160 national amateur radio societies around the world. The big contest celebrated around the world is the IARU HF World Championship.

The first reason I even bring this contest up is because many people believe that Field Day is the biggest contest celebrated around the world each year. The fact is, Field Day is not considered a contest, so it would not qualify in any contest standing.

The second reason for this contest mention is because I have decided to become active again in contesting. Added to that is a need for me to become more active in CW. Lately I've been almost totally involved in the digital modes. My desire to get back into contesting may not be a good choice, because I do not have any kind of property to put up antennas that I can use to be competitive in contesting thanks to the HOA that I must donate to each year. So I may just start out with the idea in mind to just have fun and not to earn the certificates and plaques that can be acquired if you really do well in a contest and just use the antennas that I have. Maybe the club would like to sponsor some of these contest activities, but I would only agree to sponsorship by the club if there were other members besides myself interested in working contests. If the club is interested, then using the W5I call may be the ticket to use. Otherwise, if there is no club sponsorship with no others from our club interested in contesting, then I would just consider using my own call for the contests. I've considered using the W5I call for myself, but now have decided against it.

On a few occasions during our club special events, there were contests running on the CW portions of the bands that kind of interfered with operating the special event. To make use of contesters for our club special event, I would actually work the contest as W5I so that I could make several contacts, almost as easy as it is on digital. It was really neat working contests again.

So at the next meeting, I plan to pose a question to the club on whether or not contesting could be stated as a club event. I can list the contests and dates that I would be interested in operating. Of course, that would only work if other members of the club also participated. Our latest new member Mario Alvarez – AI5W is an active CW operator. I know that it may be a far-fetched idea to get other members of our club to operate any CW, let alone to work CW contests. I'll reach out to Mario.

My other option is to contact other hams from other clubs and get a group together consisting of members from different clubs and work contests. Let's discuss this at the next meeting.

James – KW5CW

## **GCARC (W5I Operating Schedule) – 2018**

### **What's left in 2018**

#### **10/08/2018 | Eisenhower Special Event**

**Oct 8 – Oct 16, 0000Z – 2359Z, W5I, Sherman TX.**  
Grayson County ARC, PO Box 642, Sherman TX 75091  
Celebrating the birthday of President Eisenhower at  
His birth place in Denison, TX.

[www.graysoncountyar.org](http://www.graysoncountyar.org)



## **The 2018 Kiwanis Red River Bike Rally - August 11, 2018**

The 2018 Kiwanis Red River Bike Rally takes place this year in just 18 days on August 11. This is a 25-mile cycling event that begins at the Hilton Garden Inn and Texoma Event Center, located at 5015 South US 75, Denison, TX. Some details are here, but you are invited to checkout both webpage links below to view more details of the bike event.

<https://www.active.com/denison-tx/cycling/races/kiwanis-red-river-bike-rally-2018>

<http://redriverbikerally.com>

### **About This Activity**

Scenic North Texas, rolling hills, open roads, a rural backdrop, and Southern hospitality ... you will find it all at the 13th Annual Red River Bike Rally! This will be our first year at the new location, and the reviews for last year's ride were again excellent! It is fun, challenging, and has beautiful scenery. We received some great feedback re: traffic control and routes, and we'll take that to heart as we do every year.

Affectionately dubbed by riders as "Hotter than Hotter 'N Hell," it's the ideal preparation for one of the largest rides in the nation. Take your pick of seven routes: 8-mile family route, 25 miles, 44 miles, 66 miles, 80 miles and 100 miles, as well as a 62-mile gravel route (half-gravel, half-paved). Each one offers a unique and challenging experience along with plenty of ride support and fully stocked rest stops.

Hilton Garden Inn, the premier destination in Texoma, is the start and finish line; within minutes you'll find yourself in rural North Texas, focusing on the country roads, rolling hills and gorgeous scenery!9

### **Event details and schedule**

Start location: Hilton Garden Inn and Texoma Event Center

Start time: 7 a.m. for all routes

Early registration prices last through Aug. 1. Late registration prices increase to \$40/person on all routes except gravel and family route beginning Aug. 1 (t-shirts NOT guaranteed for late registrations).

Hilton Garden Inn is offering excellent packages for riders and their families. Please be sure to contact them at 903-463-3331 for more information.

## **GraysoncountyARC.com HAM-Ads are INACTIVELY ACTIVE**

For approximately 2 months now, the club website has a new webpage to buy and sell equipment. Presently, you must log into the website to be able to post ads. To date, there have been no ads posted on the website. The GCARC website activity in general is way down. The web-pages are available to anyone who happens to be a club member or not, but the only stipulation is that you must register on the website and within the application to be able to post and read ads. The opportunity to post ads on the website will also be discussed at the next club meeting. If no one uses it, then there is no need to keep this function available.

## **Durant News – New Digital UHF DMR Amateur Radio Repeater**

Durant News – Kenneth Eppler (Deputy Dir of Bryan County Emergency Management) has a new digital **UHF DMR** amateur radio repeater on the air in Durant. Operation is a bit complex unless someone already active helps out. This might be an interesting program for your club. Durant radio amateurs will sponsor a TAILGATE (used electronics) sale about the last weekend of Sept or soon after. An estate is donating switching power supplies, VHF antennas, etc. For tailgate info, contact Greg Adams at [gblla615@gmail.com](mailto:gblla615@gmail.com).

To stimulate on the air VHF/UHF work, we just ordered a dozen 7 watt VHF/UHF hand-helds and will pre-program these for area ham radio freq (transmit/receive) plus police/fire/em (receive only) – \$35 each. Our DARA club isn't quite healthy enough yet for monthly meetings but our 7 pm Sunday K5KIE Durant repeater is healthy with Denison-Sherman checkins appreciated for sure. Maybe we could look at some activity combining the Sherman and Durant clubs. A few of our members made it to your ARRL field day and really enjoyed it.

We hope to sponsor a monthly ACTIVITY to include: tailgate – visit to K5CBL's 160 through UHF freq station – hamburger feed – Tech class in the fall – get back on the air evening for inactive amateurs w/ opportunities to order a VHF-UHF hand held pre-programmed, visit to our new Bryan County Emergency Management Bldg (constructed highly energy efficient, costs expected to be about 1/3 of a regular Bldg), old timers afternoon get-together, visit to Jimmy Green's QTH (he has three 80' towers and an exotic 1.5 MHz through 30 MHz almost flat SWR (new: \$20K) antenna.

We're considering asking for permission some weekend to set up on 160 meters at an unused 1500 KHz AM broadcast antenna. And maybe trek up North of Ardmore to the tall hills then set up on VHF & see if we can get into New Mexico and wherever. Dreams.....

Jim Harmon K5BNK

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

**Today's Date:** \_\_\_\_\_ **Amount Submitted:** \_\_\_\_\_

**Yourself:**

_____	_____	_____
<b>First Name</b>	<b>Last Name</b>	<b>Call Sign</b>
_____	_____	_____
<b>Street Address</b>	<b>City</b>	<b>State + ZIP</b>
_____	_____	_____
<b>Phone Number</b>	<b>E-mail Address</b>	<b>ARRL Y/N</b>

**Additional Family Members:**

_____	_____	_____	_____
<b>First Name</b>	<b>Last Name</b>	<b>Call Sign</b>	<b>Class Held</b>
_____	_____	_____	_____
<b>First Name</b>	<b>Last Name</b>	<b>Call Sign</b>	<b>Class Held</b>
_____	_____	_____	_____
<b>First Name</b>	<b>Last Name</b>	<b>Call Sign</b>	<b>Class Held</b>

**Dues:**

- **Individual Membership \$20.00/year**
- **Family Membership \$30.00 year (2 or more hams/same family)**
- **Associate (non-ham) Membership \$15.00/year**
- **First-time Ham – (acquired license same year as membership)-FREE**
- **Cash or Checks accepted. No cash in mail. Payable to GCARC**
- **Secure website signup available on [www.graysoncountyar.org](http://www.graysoncountyar.org)**

# W1AW Operating Schedule

For some members of the club that would like to give CW a try and brush up on their receiving skills, the Amateur Radio Flagship station known as W1AW broadcasts practice CW transmissions on 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 50.350 and 147.555 MHZ. There are two types of transmissions, known as SLOW CODE and FAST CODE. The speeds for each type are listed immediately below, and the types overlap a little.

SLOW CODE = practice sent at 5, 7.5, 10, 13, and 15 WPM.

FAST CODE = practice sent at 35, 30, 25, 20, 15, 13, and 10 WPM.

You can qualify for a W1AW CW certificate or and endorsement if you already have a certificate. Details and prices of either can be found in the July 2018 edition of QST page 101.

There are digital transmissions from W1AW on the following frequencies..

3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 50.350, and 147.555 MHZ.

Bulletins are sent using 45.45-baud Baudot, PSK31 in BPSK mode, and MFSK16 on a daily revolving schedule.

W1AW Voice transmissions can be found on the following frequencies..

1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 50.350, and 147.555 MHZ.

## W1AW Operating Schedule

Updated March 12, 2018

Pacific	Mtn	Cent	East	UTC		Mon	Tue	Wed	Thu	Fri
6 am	7 am	8 am	9 am	1300z			Fast Code	Slow Code	Fast Code	Slow Code
7 - 9 am	8 - 10 am	9 - 11 am	10 am - Noon	1400z to 1600z		<b>Visiting Operator Time</b>  (Station closed from 1700z to 1800z - 12 PM to 1 PM ET)				
10 am - 12:45 pm	11 am - 1:45 pm	Noon - 2:45 pm	1 - 3:45 pm	1700z to 1945z						
1 pm	2 pm	3 pm	4 pm	2000z		Fast Code	Slow Code	Fast Code	Slow Code	Fast Code
2 pm	3 pm	4 pm	5 pm	2100z		Code Bulletin				
3 pm	4 pm	5 pm	6 pm	2200z		Digital Bulletin				
4 pm	5 pm	6 pm	7 pm	2300z		Slow Code	Fast Code	Slow Code	Fast Code	Slow Code
5 pm	6 pm	7 pm	8 pm	0000z		Code Bulletin				
6 pm	7 pm	8 pm	9 pm	0100z		Digital Bulletin				
6:45 pm	7:45 pm	8:45 pm	9:45 pm	0145z		Voice Bulletin				
7 pm	8 pm	9 pm	10 pm	0200z		Fast Code	Slow Code	Fast Code	Slow Code	Fast Code
8 pm	9 pm	10 pm	11 pm	0300z		Code Bulletin				

**W1AW's transmitting schedule occurs at the same local Eastern time throughout the year.**

## Helping Hams

The idea behind Helping Hams is simple – all hams need a little help sometimes, but they might not know who can help them. Our club has many talented members, with some better at certain jobs than others. What we hope to do here is match up hams needing help with other hams who have the skills to help them. Working together, we can all help our fellow hams and encourage them to continue pursuing their interests in this wonderful hobby.

The currently-requested needs are listed below. If you have a need, or know of a ham with a need, or if you or someone you know can help, contact our newsletter editor by sending an e-mail to [kw5cw@k5gcc.org](mailto:kw5cw@k5gcc.org). Be sure to include the following:

- Who needs the help and how do we contact them.
- What needs to be done.
- When can someone come out to do the work.
- Where is the location of the work that needs to be done.

**You don't have to be a member of the GCARC to ask for help or make an offer to help.** We're all in this together – that's what the hobby is all about!

### Current Requests

Bennie K5DIZ	Antenna install	Sherman
Sheila Sammons KF5TDP	Needs help with antenna repairs – damaged from falling tree limbs.	Sherman
Mike Bernier – KF5NPM	Needs help with replacing damaged HF Antennas and grounding.	Denison

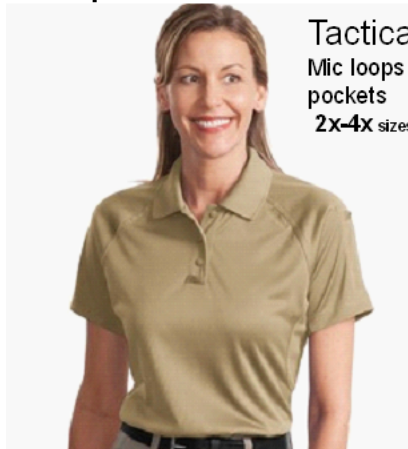
Is there anyone else in the club that needs assistance with a project? If the list is no longer accurate, please advise James at [kw5cw@k5gcc.org](mailto:kw5cw@k5gcc.org) and indicate any additions or deletions that need to be made. By the May edition of the newsletter, what other additions to this list should be included, i.e. When is the expected date for completion, and if possible an actual date for the project.

**Below you will find the Grayson County Amateur Radio Club Apparel Order Form. Please use this form to order Polo Shirts, Cam Shirts, Caps, and Jackets. Tactical Shirts are also available and can be purchased with this form. For 2X to 4X sizes, please add \$5 to your payment.**



**K5GGC**

## 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  
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	_____	_____
<b>*Shirts/jackets- (2x to 4x +\$5)</b>			
_____ Shipping \$2.00 per item		_____	_____
<b>Total</b>		_____	_____

Rev 02-12-18

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	_____	_____
<b>*Shirts/jackets- (2x to 4x +\$5)</b>			
_____ Shipping \$2.00 per item		_____	_____
<b>Total</b>		_____	_____

Rev 02-12-18

## Local Radio Nets

### Daily

#### **Texas Slow Net (CW only)**

Daily 7:45pm CT on 3.570 MHz

This is a training net for operators interested in building proficiency in CW and learning about handling procedures for CW traffic nets.

### Weekly

#### **South Texas Section ARES Net (HF)**

Mondays 7:30pm CT on 3.873 MHz LSB

This is an information net open to South Texas (STX Section ARES members. Other amateur radio stations are welcome to listen in.

#### **Durant ARA Weekly Net**

Tuesdays 7:00pm CT on the 147.390+ (118.8PL) repeater.

No net on the 3<sup>rd</sup> Tuesday of each month due to the DARA monthly meeting.

#### **Fannin County ARC Weekly Net**

Tuesdays 8:00pm CT on the 145.470- (100.0PL) repeater. **(Replaces 147.200 repeater.)**

444.525 links into 145.470 full time.

#### **Ladies Net**

Thursdays 8:00pm CT on the 444.750+ (100.0 PL) repeater until further notice.

Net Control: Linda KE5YUC

#### **McKinney 6 meter AM Net**

Wednesdays 10:00pm CT on 50.400 Mhz.

#### **McKinney ARC Info Net**

Sundays 8:00pm CT on the 146.740- (110.9 PL) repeater

### Semi-Monthly

#### **Grayson County ARC information Net**

1<sup>st</sup> & 3<sup>rd</sup> Sunday at 8:00pm CT on the 444.750+ (100.0 PL) repeater until further notice.

147.000+ (100.0 PL) under maintenance. This is an informal information net and buy/sell swap net.

#### **Grayson County ARC ARES Net**

2<sup>nd</sup> and 4<sup>th</sup> Sunday at 8:00pm CT on 444.750+ (100.0 PL) repeater until further notice.

This is a directed information net used for training.

#### **RACES Command Net Check (HF)**

2<sup>nd</sup> and 4<sup>th</sup> Sunday at 8:00pm CT on 7.255 Mhz LSB

This is a RACES Command Net check for statewide RACES Command Net members ONLY.

All other Amateur stations are welcome to listen, but DO NOT check in!

### Monthly

#### **North Texas Section ARES Net (HF)**

2<sup>nd</sup> Wednesday at 8:30pm CT on 3.860 Mhz LSB

This is an information net open to all ARES members in the ARRL North Texas (NTX Section.)

#### **McKinney ARES Net**

2<sup>nd</sup> Sunday at 9:00pm CT on the 146.740- (110.9 PL) repeater.



## Area Repeaters

Sherman, Texas – W5RVT – 444.750 + 5 MHZ offset (100.0PL)

Sherman, Texas – W5COP – 147.280 + 600 kc offset (107.2PL)

Sherman, Texas – W5RVT – 147.000 + 600 kc offset (100.0PL)

Allen, Texas – N5GI – 145.350 – 600 kc offset (100.0PL)

W5DWH – 145.330 - 600 kc offset (100.0 PL)

KD5HQF – 442.450 + 5 MHZ offset (100.0 PL)

N5MRG – 441.650 + 5 MHZ offset (100.0 PL)

A NEW DMR REPEATER IS NOW LOCATED ON 440.200 +5 MHZ

## Fannin County

Please note that all K5FRC repeaters are System Fusion

145.47 -600 kc offset (100.0 PL) – North

444.525 +5 MHZ (100.0 PL) – South

443.750 +5 MHZ (100.0 PL)

The 145.47 and 442.525 machines are radio linked!

## All Kinds of Software for Amateurs

Amateur Radio Software links by W1WC - <http://www.w1wc.com/software/>

600 Absolutely Amateur Radio Web Sites – Kansas Amateur Radio – <http://ksarri.org/deeplink/>

Cool Software – K6SGH.com – <http://www.k6sgh.com/software.html/>

Ham Radio Digital Modes Software – <http://www.hamuniverse.com/hfdigitalmodessoftware.html/>

Ham Radio Deluxe Software – <https://www.hamradiodeluxe.com/>

DX Zone – Software for Amateur Radio – <https://www.dxzone.com/catalog/Software/>

Amateur Radio Software – WA7EWC – <https://wa7ewc.wordpress.com/amateur-radio-software/>

Amateur Radio and Shortwaves Apps for IOS, Android - <https://swling.com/blog/2014/01/the-best-amateur-radio-and-shortwave-apps-for-ios-and-android-smart-phones/>

iPhone Amateur Radio Apps – <http://www.g0hwc.com/iphone.html/>

[Do you have anything you would like to publish in the GCARC Newsletter?](#)

[Give it a shot sometime and send an article to James at KW5CW@k5gcc.org](#)