



GRAYSON COUNTY AMATEUR RADIO CLUB NEWS

March 2018

WWW.GRAYSONCOUNTYARC.ORG

Vol. 24, No. 3

The President's QSO

Hi all, we had yet another great meeting. I want to share special thanks for all who attended. So much was discussed.

First we received an update from the committee about moving the club meeting night. Roy Reed – AF5VA provided an update as to the pros and cons of changing the day of week. A decision was to continue with discussion and the committee will meet one more time to further discuss the options. At the next meeting, a vote will be taken and the meeting day may change. The members who attend the next monthly meeting on April 20th will decide.

For the next thing discussed, the pending educational class to be held called "Ham 101" at Grayson County College in Sherman is now scheduled for this Saturday, March 24th. It will start promptly at 8:30AM and run approximately 4 hours. This class is for newly licensed Amateur Radio Operators that are still trying to figure out what this hobby is all about. A variety of subjects will go a little in depth regarding the "amateur radio bands, modes of operation, basic HF radio controls, proper logging requirements, how to make contacts on the radio, how you get QSL confirmations, awards, special events, contesting, and ham radio lingo", as stated per the formal announcement of this class. If you are not familiar about emergency preparedness, you will learn about ARES (Amateur Radio Emergency Service and Skywarn), along with other community service events. The instructor will be Lee – N5SLY. You can register for this class by emailing Lee, N5SLY at N5sly@arrl.net.

Next, for our next meeting, I'm extremely pleased to announce the arrival of our special guest - Jason Johnson (KC5HWB) on April 20th. He will be making a presentation on Digital Mobile Radio, also known as DMR, as we are going to be getting a DMR repeater soon here in Grayson county. Anyone interested on how DMR really works, make sure you schedule your time and be at the next meeting, as it should be highly educational. You may know Jason from his YouTube channel called Ham Radio 2.0.

Moving on, I provided an update on the The Kings Trail Disaster Preparedness Fair to be located at Kings Trail Cowboy's Church - 498 Bethel-Cannon Rd, WhiteWrite, Texas on March 25 from 12:30 PM to 3:00 PM. The club will have a table set up along with an HF, VHF and UHF station. More information is available on the Grayson County Amateur Radio Club Facebook page located at <https://www.facebook.com/groups/K5GCC/>

Another topic discussed - NVIS antenna day, Jim - K5QOI discussed the upcoming event now set for April 28th at Herman Baker Park from 10:30 AM to 4:00 PM. Various NVIS antennas will be tested at the event, and then a potluck style dinner immediately afterwards. Family members are also invited to also share in the fun at the park. Jim will also put on a presentation at the next club meeting on April 20th concerning these unique antennas.

Rick - K5ECX discussed upcoming ARES net activities to include a Winlink net, where participants are encouraged to use RMS Express, and to assist them in keeping their software current. He set up a table of different for sale items made available for purchase to the club, including shirts, hats, patches, safety vests and magnetic signs, etc. If you would like more information on these items, please contact Rick - K5ECX.

Lee - N5SLY discussed a new program that the club easily voted in, called 'Rent-A-Radio'. The club plans to make use of a low band radio that will be available to club members. The club will supply the radio with digital software, a power supply and antenna. Great stuff! Thanks Lee for your idea.

How about the Kiwanis Bike Rally coming up in a few months. Yes, we are an active club. We also specialize in emergency communications and special operating events like the Perrin Field Special Event, the Red River Bridge War and Eisenhower Special event, plus not to forget Field Day. We will top it off with a great Christmas party at the end of the year.

Finally, the main presentation of the evening was the demo and birth of our new club website given by James - KW5CW. The website is now located at <http://www.graysoncountyarcs.org>. The hesitation along with excitement was felt before, during and after the website finally was born during the demonstration. I invite everyone who gets a chance to read my message visit the new website and watch it continue to grow with many features. James plans to explain some new features at the next meeting on April 20th.

We have some awesome stuff going on and I do not want anyone to miss out so come to our meeting next month on April 20th and don't miss out in all the fun!!

73,

Trevor - KG5BFI
GCARC President
KG5BFI@gmail.com

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: 3rd Friday 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 Send E-mail to
e-mail changes: KW5CW@arrl.net
Submission
Deadline: 8PM on first Wednesday following each monthly meeting

WEBSITE & SOCIAL MEDIA

Address: www.graysoncountyar.org
Webmaster: James Frank KW5CW
Facebook page:
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 1st 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

GCARC MEETING MINUTES 3-16-2018

Meeting opened 7:07pm by Trevor KF5BFI

Old Business discussed

Meeting Night Committee update - Additional meeting will be held 3/20/2018 to continue discussions.

HAM 101 Classes @GCCC Mar 24, 2018 830 am to 1230 pm Room 3, Center for Workplace Learning.

New Business

NVIS Antenna Day to be held Saturday April 28, 2018 at Herman Baker Park - 9 am till 4pm +

ARES will hold a Winlink Check in on the 2nd Sunday each month.

ARES Vest and Magnet signs for sale

Rent a radio – implemented and motion to purchase power supply by AF5VA and 2nd by KF5KHZ

K5QOI will donate an end fed antenna for the project.

Kiwanis Bike Rally a GO

Presentation – KW5CW Live implementation of new web site

Motion to purchase K5GCC Domain for email by KW5CW - 2nd by KF5KHZ

Motion made for who must issue permission to add to WEB Site to Executive Board KW5CW 2nd by AF5VA

Approved

Meeting adjourned @ 8:42 pm

Submitted by Jim McGlynn - K5QOI

GCARC TREASURERS REPORT

Bank Balance as of 02.28.2018 1,557.32

Operating Fund Beginning Bal 1,379.67

Deposits	Dues	Checks	60.00
		Cash	110.00
		Online	
		Clothes	
		Patches	

Less expenses

online
fee

PO Box	1131	92.00
(\$70.00 rental \$22.00 latefee)		

Operating Fund Balance 1,457.67

** Members	YTD	25
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Available Equipment Funds 177.65

Donation

Less
expenditures

Equipment Fund Balance 177.65

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

Wow...what a great meeting Friday night. We really got a lot done. Highlight was James, KW5CW, presenting the new club web site which is now up and running. Still a work in progress but he has done a great job of getting it started. Be sure and send James a message with your suggestions for improvement.

My Ham 101 class is ready to go. The class will be held on Saturday, March 24 from 8:30 AM until about 12:30 PM at Grayson College, Center for Workplace Learning, Seminar Room C. Everyone is welcome to attend, but this class is focused on new hams that are just getting started in the hobby and haven't really figured out what this hobby is all about. This class will go more in depth into amateur radio bands, modes of operation, basic HF radio controls, proper logging requirements, how to make contacts on the radio, how you get QSL confirmations, awards, special events, contesting, and ham radio lingo. We will also talk about other areas of interest in ham radio...ARES, Skywarn & community service events, etc. The goal is to try and help you find what area of the hobby that you are really interested in so you can concentrate on that.

For those who can't attend on the 24th...the class will be held again in the future.

Very pleased to tell you that the club membership approved my idea for a "Rent A Radio" program. Over a year ago a radio was donated to the club that we have never done anything with. Rather than just letting it sit on a shelf and not be used I proposed that we rent it to club members to use so they can see if it is something they would really be interested in. Club members approved buying a power supply and Jim, K5QOI is donating an antenna and coax. We'll have a complete package that club members can use to get on the air using HF. I would like to honor the person who donated the radio to the club by calling this program the....**Bob Sholl – W5DSA - Rent A Radio** program. Hope to have the complete package put together in the next month and it will be ready to rent. We still have to set the monthly fee, but it will be nominal...maybe \$10.00 or so. That money will be used, as necessary, to maintain this program.

We really do have a lot of great things going on this year with the club and I hope that you'll take advantage of all that you can. But no matter what...

Have fun doing what you enjoy in the hobby.

73

Lee N5SLY

Grayson County Amateur Radio Club

Presents

Ham 101

This class is for newly licensed Amateur Radio Operators that are still trying to figure out what this hobby is all about. This class will go more in depth into amateur radio bands, modes of operation, basic HF radio controls, proper logging requirements, how to make contacts on the radio, how you get QSL confirmations, awards, special events, contesting, and ham radio lingo. We will also talk about other areas of interest in ham radio...ARES, Skywarn & community service events, etc. The goal is to try and help you find what area of the hobby that you are really interested in so you can concentrate on that.

Please register for the class by emailing Lee, N5SLY at n5sly@arri.net.

Walk-in's are welcome, but I may not have enough copies of the handouts if you do not register.

Saturday, March 24, 2018
8:30 AM – 12:30 PM

Grayson College
Center For Workplace Learning
Seminar Room C



Grayson County ARC

PO Box 642

Sherman, TX 75091

www.graysoncountyarc.org

News about the GCARC New Website and Newsletter

Well, where do I begin with this note. With concurrence from our webmaster Ben Sly – KF5OEB back in January, I announced that I would implement a new website for the club, to be located at <http://www.graysoncountyarcs.org>. That was pretty bold for someone who just picked up the task as newsletter editor, right? As promised, the website went live during the website demo on March 16th at the general meeting while demonstrating it using an overhead projector. I want to thank Ben for his work to keep the old site up and running. The old site, located at <http://www.graysoncountyarcs.com> will now sunset on April 1st. Since my retirement from IBM on March 28, 2018, I have been working fervently and expeditiously in my attempt to get the new website ready for prime time and running as promised. The project, which took many days and nights to become a reality, seems to have become a great success. Presently, it is a 'work in progress' and many more features will be implemented in the following months. While giving the presentation at the meeting and finally displaying the homepage in an overhead projection, you could feel the anticipation and excitement of all present to see the first glance of what was to become the new club website. I wished I could have been able to take a picture of everyone in the room at that moment. Yes, it was a moment in Ahhhhh..... Of course, I was sucking it all in, and I felt happy and proud with all of the great comments regarding the site. Yes, and there were some mistakes, and members promptly and rightly pointed them out. As far as I know, the mistakes have been corrected. I always invite criticism on my works, and that goes for both the new website and newsletter. I feel honored and privileged that the club members decided to put their faith in me to do both, as I would never let them down. Then came the time to make it live. With a flick of a switch in the Joomla Admin control panel, the new website became active on the web. Promise fulfilled....!

Since it became active, there has been a buzzing of comments and suggestions that I will implement soon. My intentions are to have most implemented before the next meeting.

They are as follows:

- Adding an SSL certificate so that new and existing members could securely pay their membership dues online.
- For members only - Free personalized club email addresses ending in K5GCC.org. Think about what you would like to have as your email address and sign up at the next meeting. Reserve your email address selection at that time. I will provide directions on how you can create your own personal email address with the private password of your choosing. These email addresses can also be forwarded to your desired personal email address so that you would not have to continuously monitor a second email address.
- Various new webpages implemented that will be discussed at the next regular meeting on April 20, including the Grayson County Severe Weather page and an updated ARES/TECO webpage.
- For members only – to be able to post amateur radio related items for sale on the website. Anyone

- interested in items posted can send a note to moreinfo@k5gcc.org. A forum to leave comments and ask questions to the seller about the merchandise may also be implemented. (The service and email address are not presently at this time, but will be prior to the next meeting on April 20.)
- For members only – Updated ‘Helping hams’ page to help other members complete amateur radio related projects. Due to the schedule of a select number of people available to help in this regard, a date and time for such a project needs to be submitted to the club in advance by sending an email to - moreinfo@k5gcc.org or requesting in person at a monthly meeting. (The email service is not active presently but will be prior to the next club meeting on April 20.)
- For members only – The Club inventory will be available using another tab that will only be visible by existing members of the GCARC.

I invite anyone with comments about both the newsletter and website to be sent to me at KW5CW@arri.net. Anyone who would like to contribute by writing an article displaying their interests in amateur radio should feel free to send these articles to KW5CW@arri.net. Please visit the website often and keep up with all the new stuff. 73, Have Fun. – James.. KW5CW..

New K5GCC Business Cards



Lee – N5SLY has graciously donated business cards to the club. Contact Lee to get a few and pass these cards out to your friends. This is a great way to promote our club !!

Texas State Parks on the Air Contest – April 7 & 8, 2018

----- Forwarded message -----
From: ac5ez <ac5ez.tx@gmail.com>
Date: Thu, Feb 8, 2018 at 11:31 AM
Subject: Texas State Parks on the Air
To: lee.n5sly@gmail.com

GRAYSON COUNTY ARC, K5GCC

Sherman, TX

Hello, Ralph, K5ECX

My name is Ken and my call sign is AC5EZ, a member of the Lake Area Amateur Radio Klub, LAARK (<https://www.k5lrk.com/>), in The Colony, Texas. Club call is K5LRK. LAARK is, once again, sponsoring the Texas State Parks on the Air contest this year. If you are not familiar with the TSPOTA contest I invite you to visit <http://www.TSPOTA.org> for complete rules and park activation information. But first, let me give you a brief overview of TSPOTA.

TSPOTA is an annual event that takes place on the second full weekend in April, (*except when Easter falls on the second weekend, then the contest is moved to the first weekend of April*). This year it will be April 7-8, 2018. TSPOTA is a low pressure, fun contest, designed to give Texas hams that have been house bound during the winter, a chance to go to a local state park and make a few contacts. It is a great opportunity to check out your radio gear and enjoy a little sunshine in the park.

The purpose of this email is twofold. First is to familiarize you with TSPOTA, and second to try to encourage your club to join us in this event. And maybe, convince your club to activate a park.

Thanks for your time and I hope to hear you on TSPOTA. If you don't mind, would forward this email to your club members.

You may contact any one of these TSPOTA committee members if you need more information.

73,

Ken, AC5EZ

Contact information:

TSPOTA information	info@tspota.org
Ken Rainey, ac5ez	ac5ez.tx@arrl.net
Ken Mitchell, kd2kw	kd2kw@yahoo.com
Tim Curtiss, kc5dct	kc5dct@arrl.net



Every ham radio operator needs to properly ground their equipment for protection. In order to save money, how about doing it this lazy man's way. Check out the method above. This is called the 'wishful thinking method'. Do you think the dirt should be 'wet' for better ground conduction?

NVIS Antennas

Club event to take place on April 28th

NVIS is defined as "Near Vertical Incident Skywave", but what does this mean and how do you accomplish it. When you are attempting to communicate with others that may be 100 to 400 miles away, 2 meter FM communications sometimes doesn't work unless you switch to SSB and have a high gain antenna and will be really frustrating if there are obstacles such as mountain tops between you and the other party you are attempting to communicate with. You can use HF radio but most antennas are designed for low angle of radiation and are not as useful for short and medium distance on a consistent basis. What we want to do is to use an antenna with a high angle takeoff or nearly as vertical as we can so that the first hop is short as possible. If you have ever stood under a large beach umbrella as a child and have someone spray a hose up near the top from the inside you may remember that everyone gets wet. Using a NVIS radiating antenna, the

signal acts nearly the same way. If your antenna is designed to radiate straight up, the signal returns from the ionized layers of the ionosphere straight back down, generally in a circular pattern. The size of the signal area will vary according to the height of the ionizing layer, the maximum upper frequency and the maximum lower frequency and of course the output power.

Generally 80 and 40 meters are used the most for Amateur Radio Operators to communicate regionally 100 to 400 miles, but in the last couple of years there are those who have been doing some testing on the 60 meter and even the 160 meter bands. One of the most interesting aspects of NVIS antennas is that high gain is not a necessity, simple dipoles work just great if setup to satisfy the one criteria necessary, send that signal as straight up vertically as you can. In World War 2, NVIS antennas were installed on some mobile vehicles in the German forces and during the Viet Nam conflict were used by the American military. One of the simplest, is to use a quarter wave antenna mounted near one end of the vehicle and the tip bent over to the other end of the vehicle. Other simple methods are to use a standard dipole mounted 1/10 to ¼ wavelength above ground. Some even use a reflector wire lying on the ground beneath the dipole. There are lots of discussions and designs listed on websites for your consideration or design and experiment with what you think would work well.

Each year the Ohio ARES Section <http://arri-ohio.org/SEC/nvis.html> in April hosts a day in which Amateur Operators in Ohio test NVIS antennas. This year it will be held on Saturday April 28, 2018. I have participated in the last few years but with my station in North Texas was only able to make contact with a couple of the stations, but then they are were over 400 miles away and so I never heard very many of the stations. I did make contact with a couple of stations here in Texas that were 100-150 miles away with signals well over S9 on 40 meters.

I propose to have clubs or individuals sponsor stations in Texas, Oklahoma, Louisiana and Arkansas to join the testing this year. Ohio ARES will be operating from 10-4 Eastern Time, segmenting the bands to increase the probability of contacts and to allow for antenna experimentation and using 100 watts. 10 - 12 noon 80 meters centered around 3.920 MHz, 12 noon – 2pm 40 meters centered around 7.240 and 2pm – 4pm 160 / 60 meters: Any part of the phone band on 160. Try to stay on Channel 3-5 on 60. Be careful of tuning. I would suggest stations in Central time zone to use the same time schedule 10 am to 4pm but stay with the central time, this would allow the schedules to overlap for one hour in each on the designated bands, interference between Ohio and the Texas area should be minimal using NVIS antennas. Don't forget to load up your favorite picnic foods and make it a time of great fellowship, Hope to hear you on the air, I will be there.

73 K5QOI Jim

Grayson County Amateur Radio Club K5GCC

CW Corner



Last year, I made a digital contact using the digital mode FT-8 with someone who also likes CW. I read his QRZ.com page and learned so much more about the operator of the station I had just worked. His name is Kurt – AD0WE. My first article about him appeared in a January 2018 newsletter article that I feel we all should take lessons from as he fought back from a heart attack last year. Please review the January 2018 newsletter or go to the new website at www.graysoncountycarc.org as his prior article appears in the online version of the January 2018 newsletter.

The following is his second article submission.....

On my journey to learn Morse Code I have practiced every night. On most nights the rhythmic code has been heard in our living room. I practiced sending code with a Bencher BY-2 paddle and often practiced copying without headphones.

Hamsters are nocturnal. But whenever I practiced in the evening, our hambone, Waffles, would rise several hours before she would normally wake up. She would then proceed to look around with great curiosity and playful vigor.

At first, I thought it was a coincidence, but then after a while, I realized that little Waffles was likely mistaking the stream of swift dits and dahs for a nearby hamster that was extraordinarily happy. If you don't know, hamsters make the cutest little chirping noises when they are happy and content. Waffles must have been surprised because this neighboring hambone would continue on for more than an hour every night!

Perhaps the frequency I used was close enough to be mistaken for hamster talk, especially when practicing at higher speeds. I am most comfortable practicing Morse code using a tone of 700Hz, and at the time I was practicing at a character speed of 30wpm.

About a month ago, Waffles passed away. We miss her dearly! She loved to play on the couch with me and beg for cheese. She even grew to tolerate if not enjoy our affection to hold and pet her.

Her memory lives on. A couple of weeks after her passing, we filled the void in our heart with another little hambone, Gus. He is a Roborovski hamster and is the cutest little bean. Gus is exceptionally afraid and likes to hide when the lights are on. But you know what? He also begins to stir every evening as soon as the music of Morse code fills his little ears.

I asked my other half to illustrate this story. As you can see, Jason exceeded my expectations by delivering a 5"x5" painting! It will become a part of my amateur radio work-space, and I will smile every time I see it.

73's to all the little hambones out there - AD0WE

Submitted by James – KW5CW – GCARC Newsletter Editor

IMPORTANT NOTICE***** PLEASE READ

One hundred years after its inception, amateur radio is coming to an end. The hobby once considered by many to be on the cutting edge of technology began to deteriorate in the last decade of the century. Technology advances in computers, cellular telephone, wireless data communication and total global communication via satellite and spread spectrum technology overshadowed amateur radio technology. United Global Technology LTD, successor to American Telephone and Telegraph, the successful bidder for global High Frequency spectrum, announced today that it will utilize hyper-compressed spread spectrum technology on the frequencies from 3 MHz to 30 MHz to provide data, voice, and video communication globally. The new technology will provide the capability of 100 million simultaneous data, voice and video communication channels on frequencies once used by only a handful of amateur radio operators. The U.S. President and leaders of the world community met in Helsinki to sign and formalize the world agreement with United Global Technology.

Many believe that the amateurs resistance to change was a major factor in the Federal Communications Commission and similar organizations in other countries in the global community to decide that the frequencies once used by amateurs could be put to better use for the citizens of the world, not just a select few.

Amateurs originally used the Morse Code to communicate over the globe. The amateur radio operators kept pace with the new technologies as they emerged until late in the century, when the Internet first became popular. Morse Code use by the Military, Government and Maritime Services was discontinued during the last five years of the previous century. Internet technology quickly overshadowed amateur radio and the interest in becoming a "Ham" radio operator became passé. This was further amplified by complacency among the amateurs, and their resolve to cling tenaciously to the Morse Code as a requirement to obtain a license.

The American Radio Relay League, once the representative of the amateurs, did not recognize in the last decade of the century that the amateurs holding license privileges that required Morse Code were diminishing due to death and attrition at a rate faster than new licensees. As the turn of the century approached, the average age of the HF license holder exceeded 65 years of age. At the World Radio Conference in 1999, the ARRL staunchly voted to retain the Morse Code as a license requirement after polling the ARRL members that only represented a small minority of the licensed amateurs. When it was finally recognized that the hobby was literally dying of old age, it was too late to make any significant changes to prevent its unfortunate demise.

By the turn of the century the growth that the hobby enjoyed by the initiation of a No Code license was thwarted by competition from global satellite interests with their need for frequency spectrum. The reallocation and sale of frequency spectrum started during the administration of the late President Clinton quickly consumed the VHF, and UHF spectrum that the amateurs had used. The global HF spectrum has now been taken since the total number of amateurs no longer justifies their claim to the frequencies. An era has come to an untimely end.

Don Thomas, once known as WØPEA, 73 to all and SK.....

APRIL FOOLS.....

Swap Meet

(Disclaimer: This section is provided for hams to list items they wish to buy, sell or trade. The GCARC will not be responsible for the accuracy or completeness of any descriptions, and will not guarantee any items function as described, and will not participate in any transactions. The individual buyer and seller are responsible for all discussions, negotiations and resolving of differences.)

To submit items to be listed, send the information in an email, to the GCARC Newsletter editor at KW5CW@arrl.net. Photographs are encouraged. There is no charge for listings, and you do not need to be a member of the GCARC to participate.

FOR SALE AS IS: Assorted Electronics/Test Equipment

The following items were donated to the GCARC and are in need of a new home. No set price per piece. Make an offer.

Heathkit Signal Generator

Square Wave Generator – Model 71

Broel & Kjoer Voltmeter

Sierra Electronic Corporation Carrier Frequency Voltmeter Model 104A

Polytechnic Research Heterodyne Frequency Meter – Type 104

Note: these items are not tested and provided “as-is” with No Refunds.

Contact Lee Sly – N5SLY

Email: lee.n5sly@gmail.com

3Y0I Bouvet Island DXpedition to Extend Beyond Amateur Radio

Members of the 3Y0I DXpedition to Bouvet Island will be doing more than handing out contacts to the world's community of DXers. According to the 3Y0I Bouvet Island DXpedition, this will mark the first-ever Polish-led expedition to Bouvet, and it will include geographical exploration of the island, a trek to the top of the island's glacier, Olavtoppen, at 760 meters (nearly 2,500 feet) above sea level, and photo and video documentation of the team's voyage to Bouvet and stay on the island, both for sponsors and the Norwegian Polar Institute. The DXpedition also will place what the 3Y0I is describing as a "time capsule" on Olavtoppen. A dependency of Norway, Bouvet is considered to be among the most remote places on the planet.



"Such gigantic geographical isolation, combined with severe weather conditions, and a lack of communication channels in this region of the world, Bouvet Island is one of the least-visited places on Earth," the 3Y0I website describes. "Fewer people have put their feet on [Bouvet] than on the surface of the moon. Our expedition is really an expedition into the unknown."

Bouvet is #2 on the DXCC Most-Wanted List, right behind North Korea, from which 3Y0I DXpedition leader Dom Grzyb, 3Z9DX, operated briefly in December 2015. "Over 1 million hams from all continents are waiting for a contact [with Bouvet]. No wonder. The last time Bouvet Island was heard on the amateur bands was 10 years ago," the team's website said.

The DXpedition's members face a voyage of up to 3 weeks on often-stormy South Atlantic waters. Grzyb has raised the possibility of live online video feeds from the trip, as well as social media exposure. The contingent of DXers will set sail from South Africa on a seagoing yacht adapted for extreme weather.

No dates for the 3Y0I DXpedition have been announced, but it will take place during the subantarctic summer in the Southern Hemisphere.

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@arrl.net. Be sure to include the following:

Who needs the help and how do we contact them.

- 1) What needs to be done.
- 2) When can someone come out to do the work.
- 3) 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



How about this perfect mobile setup. I wonder where he can put his new radio. Which mike will he use?

Skywarn Spotter Program- 2018 Spotter schedule is now online!

Denver/Boulder, CO

Weather Forecast Office

[Weather.gov](#) > [Denver/Boulder, CO](#) > Skywarn Spotter Program- 2018 Spotter schedule is now online!

[Current Hazards](#) [Current Conditions](#) [Radar](#) [Forecasts](#) [Rivers and Lakes](#) [Climate and Past Weather](#) [Local Programs](#)

Spotter Training Updates!

- 2018 Spotter training is now on-line on our web site at http://www.weather.gov/bou/spot_training
- We will continue to add locations and dates as requests are received.
- All 2017 spotter training dates have been processed and new spotter letters have been mailed. If you were newly trained and did not receive a letter, please contact scott.entrekin@noaa.gov.
- If you are an existing spotter that was retrained, the spotter database has been updated with your latest information, but no formal letters will be issued.

New Online Reporting Form

- There is a new on-line reporting form for sending in winter and severe weather reports. The new address link from our web site has changed, and can be found at <https://www.weather.gov/crh/stormreports?sid=bou>
- The new address can still be found under the drop down menu from current hazards from weather.gov/bou. You are given 4 options; Facebook, Twitter, Mobile APP, and email. The email form will be the one to use to send us a detailed spotter report like you did before with the old form.
- This new report is in a google docs format and your report will still be received at our office within 2-3 minutes. Due to the small delay we ask you to send in Tornado reports via the telephone only.
- We apologize for any inconvenience this may have caused, but this change was out of our local control. If you have any questions or concerns on the new format please call or email at scott.entrekin@noaa.gov

GCARC (W5I Operating Schedule) - 2018

05/19/2018 | Perrin Field Museum Special Event

May 19-May 27, 0000Z-2359Z, W5I, Sherman, TX. Grayson County Amateur Radio Club. 14.250 7.200 14.040 7.040. QSL. Grayson County ARC, PO Box 642, Sherman, TX 75091. Commemorating the Perrin Field Museum, Perrin Air Force Base and Armed Forces Day. www.graysoncountyarc.com

07/14/2018 | Red River Bridge War Special Event

Jul 14-Jul 22, 0000Z-2359Z, W5I, Sherman, TX. Grayson County Amateur Radio Club. 14.250 7.200 14.040 7.040. QSL. Grayson County ARC, PO Box 642, Sherman, TX 75091. Commemorating the Red River Bridge War, a dispute between Texas and Oklahoma over a new bridge that was built across the Red River in 1931. www.graysoncountyarc.com

10/08/2018 | Eisenhower Special Event

Oct 8-Oct 16, 0000Z-2359Z, W5I, Sherman, TX. Grayson County Amateur Radio Club. 14.250 7.200 14.040 7.040. QSL. Grayson County ARC, PO Box 642, Sherman, TX 75091. Celebrating the birthday of President Eisenhower at his birth place in Denison, TX. www.graysoncountyarc.com

K5GCC - ARRL Field Day Event – June 23 and 24

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 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 3rd 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

1st & 3rd 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

2nd and 4th 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)

2nd and 4th 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)

2nd 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

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

Area Repeaters

Sherman TX	444.750+ Mhz (100.0 PL)	W5RVT	Gainesville TX	147.340+ Mhz (100.0 PL)	WB5FHI
	147.280+ Mhz (107.2 PL)	W5COP	McKinney TX	146.740- Mhz (110.9 PL)	W5MRC
	147.000+ Mhz (100.0 PL)	W5RVT	Melissa TX	443.200+ Mhz (100.0 PL)	W5MRA
Allen TX	145.350- Mhz (100.0 PL)	N5GI	Paris TX	146.760- Mhz (203.5 PL)	WB5RDD
Bonham TX	147.200+ Mhz (100.0 PL)	K5FRC	Rosston TX	145.490- Mhz (85.4 PL)	WD5U
	145.470- Mhz (100.0 PL)	K5FRC	Van Alstyne TX	443.800+ Mhz (103.5 PL)	W5VAL
	443.750+ Mhz (100.0 PL)	K5FRC	Whitesboro TX	442.875+ Mhz (100.0 PL)	WC5GC
Denison TX	145.330- Mhz (100.0 PL)	W5DWH			
Durant OK	147.390+ Mhz (118.8 PL)	K5KIE			
	147.255+ Mhz (114.8 PL)	K5CGE			

Note: All Nets held on 147.00 will now be held on 444.750 + (PL tone 100.0 hz) until further notice.

147.280+ (PL tone 107.2 hz) will be a backup

Next Information net 8 PM Sunday April 1 – 444.750 + (100.0PL)

Future GCARC Information nets every 1st and 3rd Sunday each month

2018 Grayson County Amateur Radio Club Dues Form

Instructions: Print this form, fill it out, and bring it with your dues payment to a club meeting. If you cannot make the meeting, please mail this form and payment to:

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

Today's Date: _____

Yourself:

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

Additional Family Members:

_____	_____	_____	_____
First Name	Last Name	Call Sign	Class Held
_____	_____	_____	_____
First Name	Last Name	Call Sign	Class Held
_____	_____	_____	_____
First Name	Last Name	Call Sign	Class Held

Dues:

Individual Membership \$20.00/year

Family Membership \$30.00 year (2 or more hams/same family)

Associate (non-ham) Membership \$15.00/year

Cash or Checks accepted. No cash in the mail. Payable to GCARC.



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



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

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

K5GGC Grayson County Amateur Radio Club Apparel Order -----Deliver Bottom portion to K5ECX by 03-16-18

Rev 02-12-18

	Men/ Ldy	Qty	Ext
First Name _____ (as you want on clothing)			
Last _____			
Call _____			
Payment _____			
Make checks Payable to GCARC			
Polo Shirt* sm M L XL	\$30	_____	_____
Camp Shirt* sm ML 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		_____	_____

K5GGC Grayson County Amateur Radio Club Apparel Order -----Deliver Bottom portion to K5ECX by 03-16-18

Rev 02-12-18