



# GRAYSON COUNTY AMATEUR RADIO CLUB NEWS

May 2018

WWW.GRAYSONCOUNTYARC.ORG

Vol. 24, No. 5

## The President's QSO

Hi all,

I would like to thank everyone who attended the last general club meeting at the Grayson County Courthouse this month. There wasn't allot on the agenda for the month, but one very important item was addressed, which was a change that was made in the By-Laws of the Constitution. An updated version of the By-Laws will appear on the club website, located at [www.graysoncountyar.org](http://www.graysoncountyar.org) very shortly. The change of the meeting day was voted on and approved by a majority in attendance at the regular meeting. The new meeting day for the GCARC monthly general meeting at the courthouse is now set for Tuesday nights at 7PM, and that makes the **next meeting date to be June 19<sup>th</sup>, 2018.**

A complete list of dates for upcoming meetings can be found on our website at

<https://www.graysoncountyar.org/index.php/gcarc/gcarc>

Please mark those dates on your calendars.

The membership also voted that Associate Club members can also receive a club email address. These are members that are still not hams, but are members of the club. A member of their family who is a ham must also be a member of the club in good standing.

On another note, the club is in the middle of its operating events for this year. Presently, we are participating in the Perrin Field Special event that began the night of our club meeting, with participation of the event at the Air Force base on Saturday 5-19. There were 2 stations setup, one on 20 meter phone and the other on 40 meter CW. Our 'Rent-A-Radio' was used for the 20 meter phone station, as no member requested the use of it at the last meeting so the radio is still available for rent at a very minimal cost of just \$10 a month. The program is designed for members of the club that do not have equipment of their own and trying to get their feet wet on the low bands. All members still have a chance to use the 1 X 1 special event call – W5I in the Perrin Event, as this event lasts until May 27 at 2359 UTC. You can use this call from the comfort of your own home as long as you are a club member. The only requirement when using the call would be that you must ONLY use the privileges associated to your own license class. Please keep an updated log of your contact, which should contain the date and time, call of the station worked, his location – city and state and send your log immediately after the event to our vice-president - Lee at [n5sly@k5gcc.org](mailto:n5sly@k5gcc.org). Encourage your contacts to view the update about the special event that is located at QRZ.com, callsign W5I. It is not a contest, so you are encouraged to commence with your standard casual conversation as you normally would.

The next operating event coming up is the 'crown jewel' of events for all amateurs, and that would be the 2018 ARRL Field Day, that takes place the weekend after our next club meeting – June 23 and 24<sup>th</sup>. The club will be operating the event from the Grayson County Municipal Airport, located at 1200 S. Dewey Street in Sherman. All hams are invited to participate in that special event, held for all amateurs. More info on Field Day – 2018 can be found at the ARRL website page – [www.arrl.org/field-day](http://www.arrl.org/field-day). The club call – **K5GCC** will be used for Field Day. If you would like to bring out your own radio and antenna for Field Day, please contact the club events coordinator – Andrew Bentley – at [kg5skm@k5gcc.org](mailto:kg5skm@k5gcc.org) so that our operating class can be determined before the event.

There is another upcoming area event called HamCom 2018 which runs from June 8<sup>th</sup> through the 10<sup>th</sup>. That's just a little over 21 days from now, so I'm hoping to see you there and also test the GCARC DMR simplex channel at the event. DMR radios will be available by Grapevine Amateur Radio at this event, and you will be able to meet our last month's special guest speaker, KC5HWP Jason, who also has several video podcasts available under HAM Radio 2.0. He is scheduled to give another fine presentation on DMR radios and explain operations on this mode at Hamcom, so if you missed him at the April meeting, you can attend his seminar at Hamcom. You can find a link to Grapevine Amateur Radio and his podcasts on the club website at [www.graysoncountyarac.org](http://www.graysoncountyarac.org). The direct URL to his podcasts can be found at [www.livefromthehamshack.tv](http://www.livefromthehamshack.tv).

The ranks of club membership were increased by one as KF5WAW – Aloysius Grotheer from Sherman Texas who holds the Technician license class paid his dues. Also this is a reminder that some previous members still must pay their dues for 2018. Membership dues should be received by February 1 of that participating year.

Club email addresses ending in @k5gcc.org are being created for current members of the club and our webmaster James is still in the process of creating some of them, so if you haven't received a notice from him indicating the creation of your new club email address, then please contact him via email, at [kw5cw@k5gcc.org](mailto:kw5cw@k5gcc.org). There are also other features to the newsletter up and coming, so please be patient for those new features. Also, if you are using a regular address that is related to Outlook such as a hotmail.com and other Outlook email addresses, there is an issue forwarding to those addresses, but hopefully that will be resolved soon.

Members of the club also participated in the ARES Special Event on Tuesday, May 22<sup>nd</sup>, that was setup by our ARES Grayson County Emergency Coordinator – Wade Graves, and executed by Rich, K5ECX who piloted his airplane. Along for the ride was Moe, NT7C. They controlled the operation of a UHF repeater located on the airplane while flying at 1500 Feet. Some pictures of the event will be posted on the Grayson County webpage as soon as possible and this newsletter next month.

That's it for now, but I hope that all can see that allot is happening in our hobby and each and every one of us has a chance to contribute in it.

See y'all on the Perrin Field Event, also at Hamcom and Field Day.

73,  
Trevor Reed – KG5BFI  
[President@k5gcc.org](mailto:President@k5gcc.org)

## **Officers**

President: Trevor Reed - KG5BFI  
Vice President: Lee Sly – N5SLY  
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 Send E-mail to  
e-mail changes: [KW5CW@arrl.net](mailto:KW5CW@arrl.net)

## **WEBSITE & SOCIAL MEDIA**

Address: [www.graysoncountyarcc.com](http://www.graysoncountyarcc.com)  
Webmaster: Ben Sly KF5OEB  
Facebook page:  
[www.facebook.com/groups/K5GCC](https://www.facebook.com/groups/K5GCC)

Submission Deadline for articles: 5 PM on Saturday following each monthly meeting

*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

## **GCARC MEETING MINUTES 5-18-2018**

Meeting Start @ 7:04PM May 18, 2018

New ham KF5WAW present

Treasurers Report

Proposed change to GCARC Constitution to strike Third Friday passed.

Proposed Meeting date changed to 3rd Tuesday of the month, same location.

Lee N5SLY - report on the rent a radio program, Radio, Power Supply and Antenna ready - no takers at this time.

James KW5CW - report on newest Web site changes.

Club voted to allow associate members to have email address.

Perrin Field Special Event Station on Saturday 5/19/2018 @ Perrin Field Museum, Event allows GCARC member to use Call sign W5I from 0000 UTC May 19,2018 to 2359 UTC May 27, 2018.

Meeting adjourned to program radios for the Tuesday ARES Airborne Event.

Report submitted by

Jim McGlynn – K5QOI  
GCARC Secretary

## Treasurer Report – May 2018

Bank Balance as of 04.30.2018	1,413.32
Operating Fund Beginning Bal	1,234.67

Deposits	Checks	50.00
	Cash	
	Online	
	Clothes	
	Patches	

Less expenses

online	
fee	
1134	50.00

Operating Fund Balance	1,234.67
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** Members	YTD	31
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Available Equipment Funds	177.65
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## Donation

Less  
expenditures

Equipment Fund Balance	177.65
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Ending Bank Balance as of May 21, 2018	1,412.32
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Treasurer  
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

So what is so special about our special events? Good question. I asked the same thing when I first got involved with Amateur Radio. To be honest I had no clue what a special event was. The first one I went to I thought was special because we met on a Saturday somewhere and set up a radio and make a few contacts.

Well, over the years I have grown to really appreciate our special events because they are all very special in their own way. We have 3 every year and they are all tied together in some way. This month I want to share my experiences with the Perrin Field Museum Special Event. In the coming months I'll share how our others are all interrelated.

I won't bore you with all the details on Perrin Field, Perrin Air Force Base, Perrin Field Museum, or Armed Forces Day details. You can get a lot of that by visiting our QRZ page...[www.qrz.com/db/w5i](http://www.qrz.com/db/w5i). It's good enough just to say that thousands on GI's first learned to fly at Perrin Field during WWII. They went on to serve over in Europe and the Pacific during the war, and many never returned. We do this to honor them and keep their memory alive. We also do this to honor those who serve today for Armed Forces Day.

Over the years I've made hundreds of contacts during our Perrin Field Special Event and there are a few that are very special to me. One year I got a call from a guy that was there during WWII and what he remembered most was the cook that was in the mess hall he ate in. He said the food was the best he ever had in all the years he served in the military. Another guy was stationed there many years later and was there for water survival training in Lake Texoma in the 1960's. Another one was a guy that was a nose gunner on a B24 during WWII and completed over 50 missions over Europe...and survived. The first thing I did after each of these contacts was fill out a QSL card and address an envelope to send it off because not only was the contact special to me...it was special for them. These were all amazing contacts and made all the time I spent on the radio calling CQ worthwhile.

That's what I really enjoy about this hobby...making that one special contact every now and then. I hope that you'll spend some time on the radio during the event to make your own "special" contact.

Our Rent A Radio project is all set to go and the radio is ready to rent. You'll get everything you need...a radio, power supply, Signalink USB sound card interface for digital modes and an antenna with coax cable. You'll be able to operate on all the bands from 10 meters to 80 meters...and you'll be able to use any mode (phone, CW or digital). This program is designed for the newly licensed ham who doesn't have a HF radio yet and is not sure if he is really interested in getting involved with the HF bands. You can rent our radio for a month or so to go for a test drive. All it costs is \$10.00 a month to give it a try. If you find that this is something you are really interested in then you can move on to getting your own radio and setting up your station. If you find that this doesn't really interest you then all you spent is \$10.00. What a deal. It doesn't get any easier than this. No one at our meeting last Friday wanted to rent the radio so it is now available to any club member to rent. Just let me know if you want to rent the radio and we will have it delivered and set it up and show you how to use it.

We also have a Helping Hams program. This is designed to help any ham radio operator who needs help with something. If it is related to ham radio we probably can help you. There is no cost to club members. Non club members can also ask for help but we may request a donation to provide assistance. This is another benefit of being a member of the club. Everyone needs help from time to time. All we ask is that you let us know what you need help with and when you want to do it...and then we'll see if we can get the right folks involved to help with what you need. Please don't tell us you need help and don't make a commitment of when you want to do it. Asking us to provide assistance whenever it is convenient isn't going to work. It will never happen.

Well I'm off to make some contacts for our Perrin Field Special Event.

Have fun doing what you enjoy in the hobby.

73

Lee N5SLY

[n5sly@k5gcc.org](mailto:n5sly@k5gcc.org)

### Perrin Field Special Event

**May 19, 2018 0000z - May 27, 2018 2359z**

**Details in Presidents QSO message**

## **W5I PERRIN AIR FORCE BASE MUSEUM SPECIAL EVENT STATION**



Visit: [www.perrinfield.org](http://www.perrinfield.org)

## **CW Corner**

**by James – KW5CW**

This is my submission for my monthly article called CW Corner for May. Finally, a club operating event is here and I can again use the special club call for the event, called the Perrin Field Event on my favorite mode of CW. On May 19<sup>th</sup>, I began operations at the Air Force base. It was a lot of fun, but we had to be packed up and ready to leave by 4:00PM. No worries, as I continued my operations from home. But as it happens almost every time, duty calls. With the updates to the website and the production of this edition of the newsletter, I haven't had much time to actually operate from home. Presently, it's about 2 hours from when this newsletter gets published and I'm writing this article. As mentioned at past club meetings, I live in an HOA neighborhood, and I'm very limited as far as antenna structures go. All I'm using at home is my short ground mounted vertical and a sloped dipole. I did get a little brave just yesterday as I climbed on the roof and moved one leg of the antenna to a roof pipe. Just raising one end of the antenna up about 10 feet did help tremendously. Using the club 1 X 1 call – W5I is really fun to work with. Most all of the stations I work go out to our QRZ.com webpage and read all about the Perrin Field Event and others. I'm actually excited for the two upcoming events, one is Hamcom and the next is Field Day. I plan on possibly purchasing a new keyer paddle at Hamcom if I find one that I like for my growing collection of paddles.

While reading the June 2018 edition of QST this month, I read an article that showed that more than 30,000 new ham radio licensees and 7,000 Amateur Radio Exam sessions took place so far in 2017. I wonder just how many operate CW. But the point is that since 2008, there have been several new licenses granted.

Here is the list. It may be a small percentage of the list, but some of these are new CW operators.

### **NEW AMATEUR RADIO LICENSES GRANTED OVER THE PAST DECADE**

**2008 – 28,066**  
**2009 – 30,144**  
**2010 – 27,528**  
**2011 – 24,072**  
**2012 – 27,082**  
**2013 – 28,886**  
**2014 – 33,241**  
**2015 – 32,077**  
**2016 – 32,552**  
**2017 – 32,196**

I'm looking forward to the other upcoming operating events, Field Day, Eisenhower and Red River Bridge. Other operating events not sponsored by the club are also listed on the website, and I'm hoping to run CW with those operating events too. Is there anyone willing to assist with helping to operate the CW station at the events this year? I'd surely love to have a bit of help. I'd like to team up with someone who would like to keep a CW station going at the events.



## ARES Emergency Mobile Repeater Frequencies

Grayson County ARES has two new mobile repeaters that can be used in the field in an emergency. Please add these emergency frequencies to your radios:

**ARESU1 -- 441.300, +5 offset, CTCSS 67.0Hz**

**ARESU2 -- 441.325, +5 offset, CTCSS 67.0Hz**

**ARESU3 -- 441.350, +5 offset, CTCSS 67.0Hz**

**ARESU4 -- 441.375, +5 offset, CTCSS 67.0Hz**

**ARESV1 -- 144.650, +.6 offset, CTCSS 67.0Hz**

Programming these frequencies into your radios now will help during an emergency. We will be testing some of these frequencies soon.

73

Wade Graves, KF5AUD  
Grayson County ARES EC

## North Texas Update - HamCom - Wouff Hong - New SEC

**ARRL Members Only Web site <[memberlist@www.arrl.org](mailto:memberlist@www.arrl.org)>**

Greetings North Texans!

HamCom is right around the corner!

June 8 - 10 at the Plano Event Center, located at 2000 E. Spring Creek  
Parkway, Plano, TX 75074

The NTX Section Forum will be held on Saturday at 11am in "Spring  
Glade"

Friday night at 9PM will be a Wouff Hong ceremony held at the HamCom  
hotel, The Hilton Garden Inn, located at 705 Central Expy S, Allen, TX  
75013. If you would like to participate, please sign up at the following  
link

[www.SignUpGenius.com/go/60B054EA9AC2BA3FD0-wouff](http://www.SignUpGenius.com/go/60B054EA9AC2BA3FD0-wouff)

I also want to announce the appointment of a new Section Emergency  
Coordinator. Chris, sadly, had to depart the section for family reasons.  
Jerry Goodson W5BFF stepped up to the plate to take on this huge  
responsibility. Jerry also serves as an ASM for Social Media. He will be  
at HamCom all 3 days if you would like to come meet him.

We have just created an email reflector at [groups.io](http://groups.io) for those of you  
that do not like facebook. To join, just surf over to  
<https://arrlntx.groups.io/g/section>

I look forward to seeing everybody at HamCom and you should be able to  
find me in the ARRL booth.

73

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ARRL North Texas Section  
Section Manager: Jay T Urish, W5GM  
[w5gm@arrl.org](mailto:w5gm@arrl.org)  
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# West Gulf Division Convention (Ham-Com 2018)

HAMFEST/CONVENTION

06/08/2018

**Start Date:** 06/08/2018

**End Date:** 06/10/2018

**Location:** Plano Event Center  
2000 East Spring Creek Parkway  
Plano, TX 75023

**Website:** <http://www.hamcom.org>

**Sponsor:** Ham-Com, Inc.

**Type:** ARRL Convention

**Talk-In:** 147.18 (PL 107.2)

**Public Contact:** Fred Varian , WD5ERD  
2736 South Hillbrier Circle Plano, TX 75075

Phone: 972-333-6156

**Email:** [fvarian@sbcglobal.net](mailto:fvarian@sbcglobal.net)



## **The NVIS antenna testing was conducted out at Herman Baker Park**

Special thanks go out to Jim - K5QOI for coordinating the event. The weather was great, but the sun was hot. There was a good turnout of folks, and there were tests conducted on 80 and 40 meters. At 10:00AM, the noise was fairly high on both bands, and there was a net operating on 80 that caused unexpected QRM on the designated NVIS frequency. Jim - K5QOI used a shortened duo 80/40 meter inverted vee antenna combo with a tuner combination and it worked great. At noon, James - KW5CW tested his short 40 meter vertical with the mast folded over positioning the antenna in a horizontal configuration, with the attempt to get a very high angle of radiation directly upwards from a vertical. Likewise, the QRN was high, but still there was a contact made and other stations heard that were fairly close by. The theory behind NVIS is true. By positioning the antenna to direct the radiation pattern of your antenna with a very high radiation angle, you can make contacts with stations that you may not even be able to hear in a line of site communication, but far enough that confirmed the contact had to be made by a sky wave. In the evidence witnessed on both bands by just listening and observing the stations heard, you could verify that stations were being heard from 70-80 miles away to about 300 miles. Again, the activity was fun and many people came by to see what was going on. It may be possible that next year we hold an another NVIS event, but this time we would have a whole year to homebrew a few more NVIS antennas for testing along with getting more people involved in the testing.



**Figure 1 - Lounging around enjoying the wonderful warm day !**



Jim – K5QOI set up a dual 40/20 meter inverted vee antenna mounted close to the ground. Notice the homebrew coils that Jim manufactured for the antenna. If you view this antenna shot on the K5GCC Facebook page, you can manipulate the picture 360 degrees from the antenna, thus you can get a complete view of the park, including the lake and everything around the antenna from every angle. All these pictures for the NVIS event were taken by Michael Hepner on Saturday April 28<sup>th</sup>.



Figure 2 - N5QOI Dual 40/20 meter inverted V antenna

Ok, what the heck is that pictures below? Does it look familiar? The picture of this antenna (if that's what you call it) was posted in a prior Facebook article. Yep! It's one of James's crazy verticals lying down on its side. It looks like he forgot to push up the mast. But if you look closer, you can see that there is a supporting bracket to hold it over 90 degrees on its side, to work as a shorted antenna for NVIS. The idea was to propagate the signal straight up into the sky to produce a very high angle of signal back to earth. The actual radiating part of the antenna starts at the bottom of the coil (left side of coil) to the tip of the rod, which is on the right side of the antenna. The entire antenna length is just 4 foot 2 inches. Now that's a short antenna for 40 meters, all should agree. James plans to build this antenna and others, especially some very short antennas for the low-bands soon, and has reserved a website that will preview this later this summer located at [www.shortverticals.com](http://www.shortverticals.com). Shortly after that, the antennas may be available for purchase.

You are prohibited for having full size low band antennas on an HOA property, which is what James must deal with at the present time. So the short vertical allows him to operate from home.



Figure 3 KW5CW Short Vertical Antenna Folded Over

## 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 [admin@graysoncountyarcs.org](mailto:admin@graysoncountyarcs.org). Be sure to include the following:

- 1) Who needs the help and how do we contact them.
- 2) What needs to be done.
- 3) When can someone come out to do the work.
- 4) 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 [admin@graysoncountyarcs.org](mailto:admin@graysoncountyarcs.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.

Note: If any of the projects get completed or cancelled, please be sure to contact James – KW5CW at your earliest convenience so that the listing can be removed. Only current listings should show up on this newsletter page.

## Equipment for Sale

**For Sale: Ameritron AL-80B amplifier with new Taylor tube and spare tube. Also Palstar AT2K tuner. Asking \$1,300 for package deal.**

**Contact: Barry - W5BGD at: [barrydavidson0269@yahoo.com](mailto:barrydavidson0269@yahoo.com)**



# 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](#)

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## Spotter Training Updates!

- 2018 Spotter training is now on-line on our web site at [http://www.weather.gov/bou/spot\\_training](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](mailto: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](http://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](mailto:scott.entrekin@noaa.gov)
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## 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](http://www.graysoncountyarc.com)

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### **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](http://www.graysoncountyarc.com)

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### **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](http://www.graysoncountyarc.com)

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## **K5GCC - ARRL Field Day Event – June 23 and 24**

## Updates on the GCARC Website

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

The Grayson County ARC website is always evolving with constant updates, and I'm also trying to implement what everyone wants on it. It's a big project, and extra care must be taking to keep it running properly. It takes allot of time and effort with its production and continued maintenance. But that's what I signed up for and I'm committed in making it right for the club. With that said, anyone who would like changes made to the website or would like to see some main additions added, would need to contact me at [kw5cw@k5gcc.org](mailto:kw5cw@k5gcc.org) with their suggestions and I'll run this by the club officers and if approved by them, I'll include the update on the website. Anyone who contributes will get credited for their ideas.

Presently, I'm trying to implement all the new club email addresses. I've had a few problems with email addresses associated to Outlook.com as they seem to be restricted by our present ISP host called IXWebhosting. Incidentally, I've heard through the rumor mill that by this weekend, our website will be moved to a different server, owned by a new ISP called Site5. This may happen as early as this weekend. When it happens, the website will be down for hopefully just a few hours. When it comes back, it should work exactly as it did before, and maybe the Outlook Email addresses may all work. If that doesn't fix it, I'll come up with another fix for a certain group of email addresses. I still have yet to create another dozen email addresses for members of the club, but I hope all can be patient.

Another update coming soon will be a page dedicated to Go-Kits. I mentioned this last month, but there is just too much happening and allot has happened since then. Being on a permanent vacation sort of speaking now that I'm retired, my wife and I decided to take a vacation for about a week, and spent that time at the MGM Grand Hotel and Casino in Las Vegas. That was really fun!. I did win allot, but I managed to loose more. But in the end, it was lots of fun. Regarding go-kits, I will be working with Andrew Bentley KG5SKM on getting the page up and running.

Still in the running, are pages for the Want-Ads, but in the meantime, I've created a link that is located at the bottom of the left sidebar where ANYONE can post their ads of radio equipment for sale. Until the regular webpage for want-ads gets published, send me a list of equipment for sale to [kw5cw@k5gcc.org](mailto:kw5cw@k5gcc.org) and I'll get the information posted. Also, please leave your email address that will be posted in the add for prospective buyers to contact you.

A link to the club newsletters can be found on the left column. When you open a page by clicking on that link, just click on the edition of the newsletter that you would like to read or download, and it will populate your screen.

There's a lot more happening that I'm not going to mention here, but keep on the lookout by visiting the website frequently. It changes daily.



## ARRL requests expanded HF privileges for Technician licensees

Posted: 01 Mar 2018 10:27 AM PST (Reprint from last months newsletter)



SB QST @ ARL \$ARLB007

ARLB007 ARRL Requests Expanded HF Privileges for Technician Licensees

ZCZC AG07

QST de W1AW

ARRL Bulletin 7 ARLB007

From ARRL Headquarters

Newington CT March 1, 2018

To all radio amateurs

SB QST ARL ARLB007

ARLB007 ARRL Requests Expanded HF Privileges for Technician Licensees

ARRL has asked the FCC to expand HF privileges for Technician licensees to include limited phone privileges on 75, 40, and 15 meters, plus RTTY and digital mode privileges on 80, 40, 15, and 10 meters. The FCC has not yet invited public comment on the proposals, which stem from recommendations put forth by the ARRL Board of Directors' Entry-Level License Committee, which explored various initiatives and gauged member opinions in 2016 and 2017.

"This action will enhance the available license operating privileges in what has become the principal entry-level license class in the Amateur Service," ARRL said in its Petition. "It will attract more newcomers to Amateur Radio, it will result in increased retention of licensees who hold Technician Class licenses, and it will provide an improved incentive for entry-level licensees to increase technical self-training and pursue higher license class achievement and development of communications skills."

Specifically, ARRL proposes to provide Technician licensees, present and future, with phone privileges at 3.900 to 4.000 MHz, 7.225 to 7.300 MHz, and 21.350 to 21.450 MHz, plus RTTY and digital privileges in current Technician allocations on 80, 40, 15, and 10 meters. The ARRL

Petition points out the explosion in popularity of various digital modes over the past 2 decades. Under the ARRL plan, the maximum HF power level for Technician operators would remain at 200 W PEP. The few remaining Novice licensees would gain no new privileges under the League's proposal.

ARRL's petition points to the need for compelling incentives not only to become a radio amateur in the first place, but then to upgrade and further develop skills. Demographic and technological changes call for a "periodic rebalancing" between those two objectives, the League maintains.

"There has not been such a rebalancing in many years," ARRL said in its petition. "It is time to do that now." The FCC has not assessed entry-level operating privileges since 2005.

The Entry-Level License Committee offered very specific data and survey-supported findings about growth in Amateur Radio and its place in the advanced technological demographic that includes individuals younger than 30. It received significant input from ARRL members via more than 8,000 survey responses.

"The Committee's analysis noted that today, Amateur Radio exists among many more modes of communication than it did half a century ago, or even 20 years ago," ARRL said in its petition.

Now numbering some 378,000, Technician licensees comprise more than half of the US Amateur Radio population. ARRL said that after 17 years of experience with the current Technician license as the gateway to Amateur Radio, it's urgent to make it more attractive to newcomers, in part to improve upon science, technology, engineering, and mathematics (STEM) education "that inescapably accompanies a healthy, growing Amateur Radio Service," ARRL asserted.

ARRL said its proposal is critical to developing improved operating skills, increasing emergency communication participation, improving technical self-training, and boosting overall growth in the Amateur Service, which has remained nearly inert at about 1% per year.

The Entry-Level License Committee determined that the current Technician class question pool already covers far more material than necessary for an entry-level exam to validate expanded privileges. ARRL told the FCC that it would continue to refine examination preparation and training materials aimed at STEM topics, increase outreach and recruitment, work with

Amateur Radio clubs, and encourage educational institutions to utilize Amateur Radio in STEM and other experiential learning programs.

“ARRL requests that the Commission become a partner in this effort to promote Amateur Radio as a public benefit by making the very nominal changes proposed herein in the Technician class license operating privileges,” the petition concluded.

NNNN

/EX

The post ARRL requests expanded HF privileges for Technician licensees appeared first on KB6NU's Ham Radio Blog.

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## **UPDATE LOCATED IN June 2018 QST about the TECHNICIAN LICENSE**

There is an updated frequency chart with correct frequency information for the proposed 40 and 15 meter voice segments located on June 2018 page 73. The proposed 40 meter SSB segment is 7.225-7.300 MHz. On 15 meters is from 21.350-21.450 Mhz. On 80 meters, the proposed frequencies are from 3.900-4.000 Mhz.

## **Below is a bulletin from the Japanese Aerospace Exploration Agency (JAXA) confirming the deployment of 3 CubeSats (Satellites) on May 11, 2018**

ZCZC AS04 QST de W1AW Space Bulletin 004 ARLS004 From ARRL Headquarters Newington, CT May 11, 2018 To all radio amateurs

### **SB SPACE ARL ARLS004 ARLS004 Three CubeSats with Amateur Radio Payloads Deployed from ISS**

The Japan Aerospace Exploration Agency (JAXA) has announced that three CubeSats carrying Amateur Radio payloads, including one with a V/U linear transponder, were deployed from the International Space Station (ISS) on May 11 at around 1030 UTC.

Irazu (Costa Rica) and 1KUNS-PF (Kenya) carry beacon/telemetry in the 70-centimeter Amateur Radio band, while UBAKUSAT (Turkey) carries an Amateur Radio linear transponder for SSB and CW, in addition to CW and telemetry beacons. Irazu is a 1U CubeSat developed by students at the Costa Rica Institute of Technology, with a telemetry beacon at 436.500 MHz. 1KUNS-PF is a 3U CubeSat developed by students at the University of Nairobi, with a telemetry beacon (9.6 kbps) at 437.300 MHz.

UBAKUSAT, a 3U CubeSat developed by students at the Istanbul Technical University, has a CW beacon at 437.225 MHz, and a telemetry beacon at 437.325 MHz. The linear transponder downlink is 435.200 - 435.250 MHz; the uplink is 145.940 - 145.990 MHz.

## **Michigan Ham Who Interferes with Public Safety Communications Loses License**

Posted: 23 May 2018 01:31 PM PDT

FCC Logo On Reddit the other day was this item, “N8CAM loses his license and \$3K for using cloned radio on Michigan state radio system.” According to the FCC, N8CAM, a 19 year old admitted that “over a two-year period, he illegally operated on, and caused interference to, the MPSCS” (Michigan Public Service Communication System).

The FCC report goes on to say:

Mr. Thurston is a 19-year old amateur radio licensee who operates under the call sign N8CAM. According to reports that the Michigan State Police provided to the Commission, on or about April 21, 2017, Mr. Thurston was subject to a routine traffic stop, during which, an officer of the Michigan State Police observed that Mr. Thurston was in possession of a radio capable of operating on the MPSCS. After confirming that Mr. Thurston was not an authorized user of the MPSCS, the officer seized the radio under authority provided by state law. Another Michigan State Police officer specializing in the organization’s radio equipment subsequently inspected the seized radio and determined that it was able to connect with, and operate on, the MPSCS because the device was a “clone” of an infrequently used radio belonging to Oscoda County, Michigan, that was authorized to operate on the MPSCS. As a “clone,” the device in Mr. Thurston’s possession operated using the same radio identifier code as the Oscoda County radio. Because the MPSCS recognized the code transmitted by Mr. Thurston’s radio as belonging to the authorized Oscoda County radio, the system permitted Mr. Thurston’s radio to make and receive transmissions on the state-wide network. According to records provided by the Michigan State Police, between July 15, 2015, and April 21, 2017, the cloned radio in Mr. Thurston’s possession transmitted on the MPSCS 989 times, with the average transmission lasting 4.8 seconds.<sup>19</sup> Based on information provided by the MPSCS, during each such push-to-talk transmission, other authorized users of the “talk group” on which the cloned radio was then transmitting would not have been

able to make their own transmissions during the brief periods when Mr. Thurston was transmitting on the MPSCS. The Michigan State Police have not alleged that Mr. Thurston made any false or threatening transmissions on the MPSCS.

N8CAM pleaded guilty to the felony charges, but because he's so young, and probably because he didn't make any "false or threatening transmissions" was treated with some leniency. He was not sentenced to any prison time, but fined \$3,000 and has to surrender his amateur radio license for two years. But, he will have to pay an penalty of \$17,000 if he operates on MPSCS frequencies or causes interference to the MPSCS in the next 20 years.

I'm hoping that he's learned his lesson here. I don't want to be writing about him again in two years.

***The post MI ham who interferes with public safety communications loses license appeared first on KB6NU's Ham Radio Blog.***



## 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**



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		___	___
Total			___

Rev 02-12-18

## 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: \_\_\_\_\_ Amount submitted: \_\_\_\_\_

### 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

First-time Ham – (acquired license same year as membership) - FREE

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

## Local Radio Nets

<b><u>Daily</u></b>	<b>Texas Slow Net (CW only)</b> 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.
<b><u>Weekly</u></b>	<b>South Texas Section ARES Net (HF)</b> 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.  <b>Durant ARA Weekly Net</b> Tuesdays 7:00pm CT on the 147.390+ (118.8 PL) repeater. No net on the 3 <sup>rd</sup> Tuesday of each month due to the DARA monthly meeting.  <b>Fannin County ARC Weekly Net</b> Tuesdays 8:00pm CT on the 147.200+ (100.0 PL) repeater. This is an informal information net.  <b>McKinney 6 meter AM Net</b> Wednesdays 10:00pm CT on 50.400 MHz  <b>Ladies Net</b> Thursdays 8:00pm CT on the 147.000+ (100.0 PL) repeater. Net Control: Linda KE5YUC  <b>McKinney ARC Info Net</b> Sundays 8:00pm CT on the 146.740- (110.9 PL) repeater.
<b><u>Semi-Monthly</u></b>	<b>Grayson County ARC Information Net</b> 1 <sup>st</sup> & 3 <sup>rd</sup> Sunday at 8:00pm CT on the 147.000+ (100.0 PL) repeater. This is an informal information net and buy/sell/swap net.  <b>Grayson County ARES Net</b> 2 <sup>nd</sup> & 4 <sup>th</sup> Sunday at 8:00pm CT on the 147.000+ (100.0 PL) repeater. This is a directed information net used for training.  <b>RACES Command Net Check (HF)</b> 2 <sup>nd</sup> & 4 <sup>th</sup> Sunday at 2:00pm 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!
<b><u>Monthly</u></b>	<b>North Texas Section ARES Net (HF)</b> 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.  <b>McKinney ARES Net</b> 2 <sup>nd</sup> Sunday at 9:00pm CT on the 146.740- (110.9 PL) repeater.

## Area Repeaters

<b>Sherman TX</b>	147.000+ MHz (100.0 PL) 147.280+ MHz (107.2 PL) 444.750+ MHz (100.0 PL)	W5RVT W5COP W5RVT	<b>Gainesville TX</b>	147.340+ MHz (100.0 PL)	WB5FHI
			<b><u>Kingston OK</u></b>	<del>446.005 MHz (103.5 PL)</del> (currently out of service)	K5BQG
<b>Allen TX</b>	145.350- MHz (100.0 PL)	N5GI	<b>McKinney TX</b>	146.740- MHz (110.9 PL)	W5MRC
<b>Bonham TX</b>	147.200+ MHz (100.0 PL) 145.470- MHz (100.0 PL) 443.750+ MHz (100.0 PL)	K5FRC K5FRC K5FRC	<b>Melissa TX</b>	443.200+ MHz (100.0 PL)	W5MRA
<b>Denison TX</b>	145.330- MHz (100.0 PL)	W5DWH	<b>Paris TX</b>	146.760- MHz (203.5 PL)	WB5RDD
<b>Durant OK</b>	147.390+ MHz (118.8 PL) 147.255+ MHz (114.8 PL) (currently out of service)	K5KIE K5CGE	<b>Rosston TX</b>	145.490- MHz (85.4 PL)	WD5U
			<b>Van Alstyne TX</b>	443.800+ MHz (103.5 PL)	W5VAL
			<b>Whitesboro TX</b>	442.875+ MHz (100.0 PL)	WC5GC

Note: All Nets held on 147000 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. **A NEW DMR Repeater is now located on 440.200 + 5MHZ**