



GRAYSON COUNTY AMATEUR RADIO CLUB NEWS

Having Fun with Amateur Radio

February 2020

WWW.GRAYSONCOUNTYARC.ORG

Vol.26, No. 2

*Next General Meeting – March 17, 2020 @ 7PM
Mariachi's Mexican Restaurant – Sherman, Texas
Next Antenna Workshop – March 14, 2020 10AM-Noon*

The President's QSO Glen Davis – KG5REK

Greetings to our Club Members.

We had a great turnout at our club meeting on Feb 18, 2020, with a total of 18 and, on the Sunday before the meeting we had 19 people on the on the 3rd Sunday net. We are well on our way to a banner year of club membership, participation and fun. I enjoyed getting to meet and talk personally with all of you at the meeting. It won't be long before I have your names and call signs memorized.

We had a new HAM Angel Staten - KI5IHJ join us at the meeting, congratulations again to Angel on getting her Tech License. We are looking forward to you joining the club and having fun with Amateur Radio.

Ron gave an awesome presentation on tuning Wolf River Coil and Buddy Pole antennas. It never hurts to learn from those who have already made the mistakes we were about to make. Thanks Ron, you gave a great presentation.

I am also happy Lynda Tuma – KF5JUO is back and will be hosting a Thursday night YL net!

The Skywarn training on Thursday night also had a great turnout. Unfortunately, I had to skip that event, but Ron informed me that it was well attended. I am sure that the class information and learnings will be put to good use in the upcoming spring storm season. Many of our club members are ARES Certified dedicated Storm Spotters and Emergency Control Center Net Control Operators. This is a very important part of why the GCARC exists.

I am excited about upcoming club activities like the FOX hunt. Be sure to visit our Facebook page, Ham Club Online and our new Website (Thanks to James - KW5CW), as well as tuning in to the Sunday Night Nets, both Club and ARES to stay up with our events.

73, Glen KG5GEK

2020 Officers

President:	Glen Davis	KG5REK	(president@k5gcc.org)
Vice President	Ron Witherington	WX5A	(vp@k5gcc.org)
Secretary:	Ricky Jessen	KG5FDT	(secretary@k5gcc.org)
Treasurer:	Lee Sly	N5SLY	(treasurer@k5gcc.org)
Director at Large:	John Love	WD5IKX	(directoratlarge@k5gcc.org)

License Trustee:	Rick Simmons	K5ECX
QSL Manager:	Lee Sly	N5SLY

Webmaster/Newsletter Editor:
James Frank KW5CW (editor@k5gcc.org)

Meetings

When: 3rd Tuesday of each month
Time: 7:00pm (1900 hours)
Location: Mariachi's Mexican Restaurant
1909 Texoma Pkwy
Sherman, TX 75090

Antenna Workshops

When: 2nd Saturday of each month
Time: 10:00am – 12 Noon
Location: Computek Computers
117 Sunset Blvd.
Sherman, TX 75090

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

Club Email: graysoncountyarc.org

Newsletter

Published:	Monthly via e-mail
Editor and Webmaster:	James Frank – KW5CW

Website and Social Media

Website Address: www.graysoncountyarc.org
Facebook page: <http://www.facebook.com/groups/k5gcc>

Submit articles for newsletter to editor@k5gcc.org

E-mail change updates @ hamclubonline.com

Submission Deadline: **The day before publication by noon**

Scheduled Publish date: **Last day of each month**

Dues and Donations

Membership tenure now runs for 365 days from sign-up date. 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

February 18, 2020

All five officers were present:

Glen Davis	President	KG5REK
Ron Witherington	Vice President	WX5A
Ricky Jessen	Secretary	KG5FDT
Lee Sly	Treasury	N5SLY
John Love	Director at large	WD5IKX

Meeting called to order

President KG5REK called to order at 7:00 pm at Mariachi's restaurant. Round table introductions of all present.

- Reviewed tonight's Agenda
 - Explained Raffle tickets sales and drawings explained.
 - Raffle is to raise money for prizes at the annual Christmas party.
 - Also, we will start having a door prize each meeting.

18 Members present

WX5A, KW5CW, KI5BMN, KG5NV, N5SWG, WD5IKX, KG5GMA, N5SLY, KD5KPR, KG5REK, KB5TMU, KG5FDT, W5TG, K5AAA, KG5SJY, KF5JUO, KF5UZW, Angel

Antenna Tuning Presentation

WX5A presented tuning techniques for various antennas.

- Antenna is the most important component of setup.
- SWR greater than 1.5 to 1, you are wasting power and can damage radio.
- Built-in tuners will protect the radio but will not correct the problem.
- Canada with 2 watts.
- Demonstrated using an analyzer. Had two different antennas setup.
 - Connect analyzer, 50 ft or less length cable to antenna.
 - Demonstrated finding SWR and band resonance.
 - Demonstrated use of grounds.
- Discussed the Do's and Don'ts
 - Coax length 10'-0 best but under 50'-0 ok.
 - Standing close to antenna can give false reading.
 - Best not to hold analyzer while getting a reading.
 - Do not forget extra batteries when going to field.

- Discussed how to adjust resonance.
 - Resonant high, lengthen
 - Resonant low, shorten
- Beware conditions change during the day.

Club News

Antenna Group: KG5REK reporting

- Fox Hunt test will be March 14.
- Actual Fox hunt will be in April, actual date TBA.

Nets: KG5REK reporting

- Club nets 1st, 3rd and 5th Sundays on 147.000.
- March net controls
 - 3/1 N5SLY
 - 3/15 K5XBP
 - 3/29 K5QOI

Ares News: WX5A reporting

- 2/20 Sky warn training GCC – CWL Auditorium
- 2/23 sky warn net
- 2/29 Technician class GCC CWL Seminar C
- 3/4 Sherman Siren Test
- 3/7 Technician class GCC CWL Seminar C and VE testing
- 3/8 ARES net
- 3/22 ARES net

Old Business

WX5A motioned that we accept the minutes and treasurer report of last meeting. KW5CW 2nd and the motion passed unanimously.

Inventory: KG5REK reporting

- An inventory of club's property was performed. Three lists were created: Lost, Usable and Unusable.
- Lost items announced were:
 - CW Key
 - Tower mounting bolts
 - White board
 - Military Tower
 - Canopies
 - 6'-0 table

- Usable inventory stored.
- Unusable inventory identified and publicly reviewed at meeting.
- WX5A made the motion that unusable items be sold if possible or discarded.
 - KG5GMA 2nd and motion passed, unanimously.

New Business

KG5GMA made the motion to pay membership for EQSL and Logbook of the World.

- K5UZW 2nd and motion passed unanimously.
- Treasurer will pay \$34.00.

Treasurer's report: N5SLY reporting

- N5SLY showed a total balance of \$1653.11 as of February 14th.

Future Expenditures: KG5REK reporting

- Approval Plan discussed.

Social Media: KG5REK reporting

- Hamclubonline.com
- WordPress Website
- Facebook
- Coming soon – Twitter, Instagram

2020 Club Goals: KG5REK reviewed

- Have fun with radio
- Get members on the air and share experiences
- Increase our visibility and participation in the community
- Increase club membership
- Increase participation in club events
- Increase our social media presence
- Find new income streams

New Web Site: KW5CW reporting

- New web-site demo.

Raffle/Door prize

Raffle raised total \$59.00

- Raffle winner KG5REK, he graciously donated winnings back to club.
- Door prize winner KG5GMA.

KG5REK adjourned meeting 8:35 pm.

Grayson County ARC - Treasurers Report	Amount
February, 2020	
<u>Beginning Bank Balance</u>	\$ 1,487.14
<u>Income</u>	
Marvin Schiavone, KG5GMA 2020 Membership Dues - Check	\$ 20.00
Jesse Heiman, AC5OY 2020 Membership Dues - Check	\$ 20.00
Patch sales -K5GCC & ARES- Cash	\$ 50.00
Jim McGlynn, K5QOI 2020 Membership Dues - Cash	\$ 20.00
Bill Pierce, K5XBP 2020 Membership Dues - Cash	\$ 20.00
James Johnson, KG5SJY 2020 Membership Dues - Check	\$ 20.00
Dora Caywood, KF5TDQ 2020 Membership Dues - Check	\$ 20.00
Tim, N5SWG, & Stacy , W5ORD, Branam 2020 Membership Dues - Cash	\$ 30.00
David Anderson, KD5KPR 2020 Membership Dues - Check	\$ 20.00
<u>Total Income</u>	\$ 220.00
<u>Expenses</u>	
Winter Field Day Contesting Software by N3FJP - PayPal	8.99
Field Day Contesting Software by N3FJP - PayPal	8.99
PO Box Rental for 2020 - Check 1099	92.00
February bank fees	14.05
<u>Total Expenses</u>	124.03
<u>Ending Bank Balance</u>	\$ 1,583.11
<u>Cash on hand</u>	\$ 30.00
<u>Total cash on hand</u>	\$ 30.00
<u>Checks & other funds to be deposited</u>	
James Mathis, K5IV 2020 Membership Dues - PayPal	\$20.00
Rick Simmons, K5ECX 2020 Membership Dues - Check	\$20.00
<u>Total Checks & other funds to be deposited</u>	\$40.00
<u>Final Total at time of report</u>	\$ 1,653.11
Submitted by Lee Sly, N5SLY February 14, 2020	

QSL Managers & Treasurers Message

We had a great meeting on Tuesday night. We kicked off our Door Prize and 50-50 Raffle at the meeting and I think these will be well received in the coming months. The door prize will be a small something that the club will give away to one of those that attended the meeting. It is free to participate. The 50-50 Raffle tickets cost \$1.00 each. Half the money collected will be given to one of those who purchased a ticket during the monthly meeting and the other half will go into the Christmas Gift Fund for the club. This fund will purchase Christmas gifts for club members that will be handed out at our annual Christmas Dinner event held in December. So all the money collected during the year goes back to the members...how cool is that!

At our meeting we collected \$59.00 for the 50-50 Raffle. Glen, our President, had the winning ticket and he donated his winnings back to the club. Thank you Glen!!!

The membership approved spending some money at the meeting for eQSL and LOTW so we can receive awards we have achieved. Look for these awards on our new web site soon in the Photo section...that is our virtual wall to hang our "Wall Paper" on. Please visit...

www.graysoncountync.org

I will be net control for the Grayson County ARC Information Net on Sunday evening, March 1, at 8 PM on the 147.000 repeater. I hope that you'll be able to attend. It won't be like any net you have ever attended for our club. So far this year our club nets have been very interesting and I'm looking forward to hearing what you have to say. You'll have to listen in to see what will happen.

Have fun doing what you like in Amateur Radio.

73 de Lee N5SLY

n5sly@arrl.net



New ARRL EMCOMM Course EC-001 Available and it's FREE

The ARRL's course, EC-001: Introduction to Emergency Communications for Radio Amateurs, has long been conducted with mentors to give feedback to the student. To make the course available to as many people as possible, a new self-study edition without mentors, EC-001-S, has been created. The course is free to all amateurs. Membership in the ARRL is not required. You do need to create a free account at the ARRL web site to sign up.

The ARES Public conference at Hamshack Hotline is hosting open chat evenings every Tuesday and Friday—US time zones—for amateurs working through the course. These meetings are informal chats intended to add back some of the value of feedback and discussion the course has traditionally had. Graduates of EC-001 and amateurs with long experience in EmComm are encouraged to come share what they've learned, too.

Amateurs may enroll in the course at <https://www.arrl.org/online-course-enrollment/17>. For more information on the Public ARES conference, come visit us at Hamshack Hotline extension 367 or contact Ross Bennett at Hamshack Hotline 4972 or by email to ki5sr@....

To get connected with Hamshack Hotline, visit their website at <https://www.hamshackhotline.com>

Wade Graves, KF5AUD
Grayson County ARES EC

Great turn out for Skywarn & time to prepare!!

Thanks to all who came out for the Grayson County Skywarn training on February 20th! From the sign in sheets, we had 44 ARES hams there as well as 6 CoCoRaHS stations. Overall, the count for the event was 172 people. Very impressive!!

As we move forward into our Spring season don't forget to check all your equipment and prepare for activation. We may or may not get much preliminary warning about storms – it will all depend upon when and where the CAP breaks. If it breaks on top of us, things will boil up rapidly. If it breaks to our West, then we will have a little more time to prepare.

If you have a sunny weekend soon, now is the time to go clean the spider webs out of your storm shelter/safe room and make sure it is ready for storm season. If you know folks that aren't hams but who do have storm shelters/safe rooms, please help spread the word to get them ready now so they'll be ready if needed.

73 to all – Wade Graves – KF5AUD – Grayson County ARES EC

YL Net Back on 147.00 Repeater – Thursdays at 8 PM

The YL ladies net is now back on the 147.00 repeater. Already, two weekly nets have taken place. Thanks to Lynda Tuma, the ladies net is off to a great start. She encourages all ladies that happen to hear the net on every Thursday night at 8PM, to join in on the fun. Everyone is welcome, and you do not have to be a member of the GCARC to participate. Even if you cannot reach the repeater, you can use Echolink to communicate with the net.

Those who don't know about Lynda, She is very active in the community. Immediately below, she is working with some of the boy scouts at a science fair. Lynda has decided to tell us a little more about herself in her words immediately below...



Brookhaven Science Fair

“I have held a Ham Radio license since February 14th, 2011. I entered the hobby with two of my grandsons. It's been a good experience for all of us. I am a member of the Dallas Amateur Radio Club, the McKinney Amateur Radio Club and of course, the Grayson County Amateur Radio Club.”

"I am very interested in growing my exposure and skill in ham radio, and just two weeks ago, along with other ladies, launched our club GCARC YL Net. It meets every Thursday evening at 8 pm on our 147.00 repeater. It's open to all female radio operators regardless of club membership. We are all at different skill levels, and you will feel right at home. Involvement on the net gives we girls a chance to keep our radio and equipment in working order, hone our radio skills and build relationships with ladies with common interests."

"Opportunities abound in ham radio, as you see in the attached picture. This picture was taken at a Science Fair with the Dallas Amateur Radio Club a few years ago. The kids were fascinated and notice that smile on my face."

"I hold an extra class license in amateur radio, but that doesn't mean I have arrived, as there is still many opportunities of growth for me and I look forward to we girls growing together."

73,

Lynda – KF5JUO

Upcoming Operating Events

With Winter Field Day already a month behind us, it's never too early to think about participating in upcoming GCARC events. There are three annual special events, that the club has historically participated in year after year and of course Summer Field Day. The Perrin Field Museum Special Event is the next operating event. Everyone is encouraged to participate as it can prepare you for ARRL Summer Field Day that takes place a month later.

Details of each event can be found on the GCARC website at : <https://graysoncountyar.org>.

The operating events scheduled for 2020 are as follows:

May 16th - Perrin Field Museum Special Event

June 27-28 – ARRL Summer Field Day

July 18th – Red River Bridge War Special Event

Oct 10th – Eisenhower Birthday Special Event

Daylight Savings Time – Spring of 2020

‘Spring ahead – Fall back’

In just a little over a week on Sunday March 8, 2020 at 2am, daylight savings time will take place. Once again, we will turn our clocks ahead one hour, making the start of Daylight-Savings Time. It will end on Sunday, November 1, 2020 when we turn our clocks back one hour. Why do we change the clocks each year, making it necessary to change the clocks twice each year. Of course, if you own a smart phone, the time will automatically be changed when the time change happens.

You might be interested to hear that there are two states that do not change the clocks, ever. The two states are Nevada and Hawaii. State officials in Nevada have suggested that the hot weather in the state doesn't warrant another hour of sunshine. Officials in Hawaii state that because there is not much change in its daylight length from winter to summer, there is no real need to change its local time.

In the past before 2005, the state of Indiana had 16 counties that changed the time each year, but now after 2005, all counties change times twice each year. As one more added note, there are nearly 70 countries around the globe that mandate Daylight Savings time.

Amateur Radio Licensing Class and Test – Classes start tomorrow

Acquire your first ham license – Technician Class by attending FREE classes starting **February 29th** from 8:30-11am. The place: Grayson County College – Center for Workplace Learning – 6101 Grayson Drive – Seminar Room C – Denison, Texas. On **March 7th**, the final class and exam will be given. Cost is \$15.

More info needed? Contact Ron Witherinton – WX5A at 214.394.7950 or rwitherinton@verizon.net

Local Hamfest Upon Us

The Irving Amateur Radio Club Hamfest is on Saturday, March 7th at Betcha Bingo, located at 2420 W. Irving Blvd, Irving, Texas. There should be approximately 70 vendors and VE testing. This single day hamfest will only be running from 8:00AM – 2:00PM. Be there early, or you may just miss it. For more info, go to www.irvingarc.org.

Message from the Webmaster of the Grayson County Club Website

James – KW5CW

The Grayson County Amateur Radio Club website – graysoncountyarcs.org has been converted from Joomla to Wordpress on February 18, 2020 on schedule. The conversion was a little tedious and time-consuming, as the old website was replaced with the new website just prior to the monthly meeting at 7PM. It works well whenever it happens to be up and running. Within the last week, the hosting company called In-Motion Hosting had a server fail that was housing the data of our website. The website was inaccessible since February 23, 2020, but is now running again at 100% after over 36 hours of downtime. The extended downtime is not acceptable. We have been using this hosting company now going on a second year. For 2021, we may consider moving to a more reliable host, hopefully to eliminate extended down times. As anyone that is involved with the computers of today, frequent backups should be taken to prevent permanent loss of data, incase the original data cannot be saved. I backup the data on a daily basis just in case something like this happens. I will revisit this issue of possibility moving the website to a new host at the end of the year. I will check out the plans from several providers. It should not be difficult moving the website to another ISP when the time comes.

Weekly Good News and Information Net – this Sunday – March 1, 2020

On the weekly net this Sunday, Lee Sly – N5SLY will be the net control operator. Since the beginning of the year, net activity has been up. As others have done in the past during the net, Lee will pick a topic of choice that he is interested in and people who join the net can share their experience with the topic of choice when it's their turn to speak. I believe there were 19 check-ins during the last net, and Ricky Jessen – KG5FDT did an excellent job running the net.

Running the net is FUN, and I encourage anyone that hasn't signed up yet that would like to give it a try to sign up. The following is a schedule of control operators scheduled to run the net in the future.

March 1, 2020 – Lee N5SLY
March 15, 2020 – Bill K5XBP
March 29, 2020 – Jim K5QOI
April 5, 2020 – Doug KG5QPI
April 19, 2020 – David KD5KPR
May 3, 2020 – John WD5IKX
May 17, 2020 – Levent KB5TMU
May 31, 2020 – Jim K5QOI
June 7, 2020 – James KW5CW
June 21, 2020 – James KI5BMN
July 5, 2020 – Available
July 19, 2020 – Ron WX5A
August 2, 2020 – Available
August 16, 2020 – Available
August 30, 2020 – Jim K5QOI
September 6, 2020 – Available
September 20, 2020 – Available
October 4, 2020 – Available
October 18, 2020 – Available
November 1, 2020 – Available
November 15, 2020 – Available
November 29, 2020 – Jim K5QOI
December 6, 2020 – Available
December 20, 2020 – Available

As you can see, there are just 11 net control officer positions needed until the end of 2020. Please come to the next meeting and volunteer to run the net!

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 (UPDATED)**
Sundays 7:30 pm CT on the 147.390+ (118.8 PL) repeater.
- Fannin County ARC Weekly Net**
Tuesdays 8:00 pm CT on the 145.470- (100.0PL) repeater. (Replaces 147.200 repeater). 444.525 links into 145.470 full time.
- 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.
- Grayson County ARC Information Net**
1st & 3rd Sunday at 8:00pm CT on the 147.000+ (100.0 PL) repeater.
This is an informal information net and buy/sell/swap net.
- Semi-Monthly** **Grayson County ARES Net**
2nd & 4th Sunday at 8:00pm CT on the 147.000+ (100.0 PL) repeater.
This is a directed information net used for training.
- RACES Command Net Check (HF)**
2nd & 4th 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!
- Ladies Net (RUNNING AGAIN AS of February 20, 2020)**
**Every Thursday of each month at 8:00 pm CT on the 147.00+ repeater
- 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.
- Monthly** **McKinney ARES Net**
2nd Sunday at 9:00pm CT on the 146.740– (110.9 PL) repeater.

AREA REPEATERS (UPDATED 11-30-2018)

Sherman TX – 444.750+ MHZ (100.0 PL) W5RVT
147.280+ MHZ (107.2 PL) W5COP
147.000+ MHZ (100.0 PL) W5RVT
Allen TX 145.350 – MHZ (100.0 PL) N5GI
Bonham TX 145.470 – MHZ (100.0 PL) K5FRC
443.750 – MHZ (100.0 PL) K5FRC
~~147.200+ MHZ (100.0 PL) K5FRC~~
Denison TX 145.330 – MHZ (100.0 PL) W5DWH
Durant OK 147.390+ MHZ (118.8 PL) K5KIE

Gainesville TX – 147.340+ MHZ (100.0 PL) WB5FHI
McKinney TX - 146.740- MHZ (110.9 PL) W5MRC
Melissa TX - 443.200+ MHZ (100.0 PL) W5MRA
Paris TX 146.760- MHZ (203.5 PL) WB5RDD
Rosston TX - 145.490- MHZ (85.4 PL) WD5U
Van Alstyne TX - 443.800+ MHZ (103.5 PL) W5VAL
Whitesboro TX - 442.875+ MHZ (100.0 PL) WC5GC

147.255+ MHZ (114.8 PL) K5CGE

2020 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 – 365 day membership

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

Associate (non-ham) Membership \$15.00/year – 365 day membership

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

(NOTE: Sign-up Online. Go to www.graysoncountyar.org)

Pay dues or renew at Hamclubonline.com (more info on website)



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