

Vol-13, Num-09; September 2007



Club Officers

President:

David Woods, W5COP

Vice President:

Edgar Rountree, KD5WCK

Secretary:

Kevin Knight – KD7MSX

Treasurer:

Moe Knight, NT7C

Activity:

Wilmer Kinsey, WB5DCU

Editor:

James Hunt, KI5DQ

Trustee:

Jesse Heiman, AC5OY

Submit News to k5gcc@verizon.net with K5GCC in the subject line along with your message title. If K5GCC is not in the subject line, the message will be deleted. Format: text in *.doc or *.txt file extension and electronic pictures in any format

Deadline: Saturday @ 19:00CST before GCARC Meeting. The K5GCC Newsletter will be published ~48 hours following this deadline.

Thank you for visiting the GCARC Newsletter

"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

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Presidents Corner

September 2007

I'll be out for the months of September and October taking care of commitments in other places. I leave the club in the very capable hands of Ed Rountree, KD5WCK. Be thinking on your nominations for club officers for the October meeting. I've enjoyed holding office in this fine organization but unfortunately I will not be able to accept any nomination for future offices. I will stay a member of this club and support all of the activities as much as possible. Thanks to all for your help over the past year.



From the files of the Amateur Radio Newsline;

A simple test conducted by a ham radio operator in Manassas, Virginia, has provided proof positive that even flea-power Q-R-P ham radio operations can shut down Broadband Over Powerline Internet access operation. Amateur Radio Newsline's Don Carlson, KQ6FM, reports:

The revelation comes on the website of George Tarnovsky, K4GVT. On it, Tarnovsky shows the results of tests made using only 40 watts and QRP at 2 watts on the 80 through 10 meter bands.

The gear used in his test was an Icom 706 transceiver, with Outbacker Perth antenna on his car parked curb side. The vehicle was approximately 70 feet from his house, and more than 100 feet from the BPL power pole interface. Inside the home a laptop with BPL interface repeatedly downloading a 40 Megabyte file.

Tarnovsky: "Well, what we found is that when we were within reasonably close proximity -- I would say within 100 feet or so of any of the BPL installations -- when we transmitted on E-CARS on 7.225 that we actually had an affect on them. The way we knew that we had an affect was that as soon as you released the microphone (PTT), rather than hearing the typical BPL noise, you knew the system was backed up with data and consequently became very aggressive and just blanked (the band). If you looked at a spectrum display of it -- it just covered the entire spectrum. Its almost as though all the stops were off. In other words the band stops were off. Just rip and get the data out and that's exactly what it did."

What K4GVT found was that on all bands the connection suffered at least a major slowdown when he transmitted at the 40 watt level. On 80 through 15 meters the 40 watts caused the download to stop altogether and requiring it to be restarted. But the biggest surprise was on 40 meters where 2 watts of R-F rendered the BPL connection numb. He says that the 2 watts at 7 MHz caused the BPL data transfer to stop.

Tarnovsky: " With the original G1 installation, 2 watts would have an affect on it. Since then they have made some changes in their firmware to the G1. The G2 has agile notching so they can go in and they can notch it (the spectrum), but being agile they can also remove them and that's the problem that we are facing here."

Tarnovsky notes that regardless of what carriers a BPL provider might notch out of a system, the system operator cannot filter its input. As such, R-F ingress to the BPL system is wide open, and susceptible to all near field RF from 2 to 29 Mhz. Even one that only 2 watts and more than 100 feet away.

For the Amateur Radio Newsline, I'm Don Carlson, KQ6FM, in Reno.

73's

David Woods, W5COP
President
Grayson County Amateur Radio

GCARC and Surrounding Area Event Calendar

Grayson County Amateur Radio Club Meeting

September 21, 2007 @ 19:30CST

Sherman Municipal Airport

1200 S. Dewey Ave

Sherman TX 75090

Program: NT7C presentation on directional antenna finding equipment.

<http://www.k5gcc.us> .

ARBONET II Launch

September 29, 2007 (on or about)

Doug Loughmiller, W5BL

<http://www.arbonet.net>

We will post new schedules to this news area, the ARBONET web page and on the ARBONET Yahoo group.

Chapter 41, QCWA

October 06, 2007

The Pointe Restaurant, S-W corner of Loop 635 (LBJ) and Midway Road,, Dallas Texas.

Featured program: Volcano Above the Clouds, Kimimanjro, 19430' ASL

The "Chat and chew" starts at 11:00, and the "dog and pony show" at 12:30.

QCWA belt buckles are available for purchase @ \$24.95 each and available for immediate delivery.

For information, contact Steve Brodie, K5ZYZ at 903 786 4064, (903) 818-0234 Cell

HamEXPO

October 06, 2007

Temple Amateur Radio Club, Bell County Expo Center, 301 W Loop 121, Temple TX.

<http://www.beltonhamexpo.org> , Talk-In: 146.820- w/ 123.0PL

Contact: Mike LeFan, WA5EQQ, 1802 South 13th Street, Temple TX 76504, 254-773-3590

Van/Car Pool Opportunity: Moe – NT7C is looking for riders to share the transportation expenses to this hamfest. Please contact Moe at 903-815-0342 to reserve your seat(s). Rider cost will be determined on how many riders participate. Proposed departure TBA somewhere in Sherman.

McKinney Amateur Radio Club (MARC) Meeting

October 08, 2007, @ 19:00CST <http://www.mckinneyarc.org>

Ham Association of Paris

October 13, 2007

Red River Valley Fairgrounds, 570 E Center Street, Paris TX 75460.

<http://www.paristexasradio.com> , Talk-In: 147.040+ w/100.0PL

Contact: Richard Lenoir, KI5DX, 2150 Plum Street, Paris TX 75460, 903-783-0968

Grayson County Amateur Radio Club Meeting

October 16, 2007, @ 19:30CST

Sherman Municipal Airport

1200 S. Dewey Ave

Sherman TX 75090

<http://www.k5gcc.us> .

Fannin County Amateur Radio Club (FCARC) Meeting / VE Test Session

October 20, 2007 @ 09:00CST for the FCARC Meeting.

October 20, 2007 @ 10:00CST for the VE Test Session.

Bonham VA Hospital, 1201 East 9th St., Bonham TX, 75418, Talk in 145.470 - offset no PL.

Topic: TBA

Informal breakfast - meeting before the meeting - at Cappy's Restaurant @ 07:30CST.

Contact: Doug Loughmiller - W5BL, President

<http://www.k5frc.org>

3rd Saturday Sidewalk Sale - Dallas

October 20, 2007

Public parking lot under Woodall Rogers Freeway

Corner of Woodall Rogers and Field Street, Dallas, TX

<http://www.sidewalksale.com>

Phone: 214-432-7665 , Contact Pete info@sidewalksale.com

50th Jamboree-on-the-Air

October 19-21, 2007

What is Jamboree-On-The-Air?

- When Scouts want to meet young people from another country, they usually think of attending a World Jamboree. But few people realize that each year more than 400,000 Scouts and Guides "get together" over the airwaves for the annual Jamboree-on-the-Air (JOTA). Modern technology offers Scouts the exciting opportunity to make friends in other countries without leaving home.



- JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other by means of Amateur (ham) Radio. Scouting experiences are exchanged and ideas are shared via radio waves. Since 1958 when the first Jamboree-on-the-Air was held, millions of Scouts have met each other through this event. Many contacts made during JOTA have resulted in pen pals and links between Scout troops that have lasted many years.
- With no restrictions on age or on the number of participants, and at little or no expense, JOTA allows Scouts to contact each other by ham radio. The radio stations are operated by licensed amateur radio operators. Many Scouts and leaders hold licenses and have their own stations, but the majority participate in JOTA through stations operated by local radio clubs and individual radio amateurs. Some operators use television or computer-linked communications.
<http://www.arrl.org/scouts/jota>
- KI5DQ will be sponsoring this Grayson County event for Sherman Boy Scout Pack 13, during their campout at Slippery Falls Boy Scout Ranch <http://www.slipperyfalls.com> . Unfortunately the campout and JOTA ended up on the same weekend days, but no problem. KI5DQ will be operating in true fashion - mobile in a make-shift field day. Special QSL cards were printed and will be given to all the participating Cub/Boy Scouts. This special event station will be operating on 18.140MHz+/-, 14.290MHz+/-, 7.270MHz+/- dependant on frequency propagation and the campout activity schedule.

Texoma Hamarama

October 26-27, 2007

Texoma Hamafama Association, Ardmore Convention Center, 2401 North Rockford, Ardmore OK

<http://www.angelfire.com/tx5/TexomaHamarama> , Talk-In: 146.970-

Contact: Henry Allen, K5BUG, 2802 County Road 2226, Caddo Mills, TX 75135, 800-588-2841

Grayson County Amateur Radio Club (GCARC) VE Test Session

December 06, 2007 @ 19:30CST (First Thursday of every EVEN month – Feb, Apr, Jun, Aug, Oct, Dec)

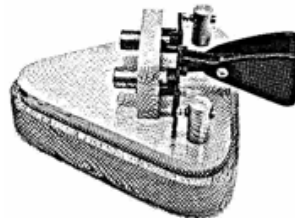
Sherman Municipal Airport, @ 19:30CST

1200 S. Dewey Ave

Sherman TX 75090

VE Testing sponsored by the Grayson County Amateur Radio Club takes place the first Thursday of every EVEN numbered month (e.g. Feb, Apr, Jun, Aug, Oct, & Dec.) Testing will take place at the Sherman Municipal Airport, 19:30 hours. Testing fee for 2007 is \$14.00 for one try of any or all elements. Retests of any failed element will require another \$14.00 fee and is at the exclusive discretion of the VE team.

If testing, you must show a picture ID issued by a governmental agency. Other ID (such as a school picture ID) will be at the discretion of the VE team. For young children a parent's ID and some school record of the student may be accepted. For this circumstance please contact me in advance if possible. For upgrades, please bring your original license. For paper upgrades



(i.e. old Tech or Tech Plus claiming code credit) bring a copy of your old license you are using to claim credit. We have no copy machines at the testing facility.

We had one person testing for upgrades this past Thursday. Give Eddie Graham, AE5DR a holler when you hear him on the air.

Any other questions about testing please feel free to contact Moe Knight – NT7C – or anyone on the VE Team. You may call Moe at 903-815-0342.

Buy- Sell-Trade Net 09/09/2007

FS - ICOM 471A 70cm all mode transceiver.
N5TPO has your electronic hardware needs.
He has hose clamps, cable ties, alligator clips, terminal blocks and other assorted hardware. N5TPO, Gordon 903-868-0479

FS - FS - Mosley Classic 33 Tri-band Beam
10-15-20 meters.
Mosley TA-33 Tri-band Beam
10-15-20 meters.
Wilmer - WB5DCU, 903-893-5872 or
wb5dcu1@verizon.net

FS – LDF5-50A 7/8” and LDF4-50A hard-line
or heliax, call for length/price, etc.
Wilmer – WB5DCU, 903-893-5872

Wanted – Kenwood TM-455a
David Woods, W5COP,

Wanted – Face Plate for Kenwood TM-V7A
W5DPS, G.B. Hartman , 903-892-9945

Amateur Radio News Around the County

N5WJW – Silent Key

Patricia Farrell, 77, N5WJW, Technician Class of Sherman Texas past away September 7, 2007. Preceding her death was her husband Duward Wayne Farrell KB5SAY of 52 years.



2007 Atlantic Hurricane Season

The 2007 Atlantic hurricane season officially began June 01, 2007 and runs through the end of November. The National Hurricane Center (NHC) <http://www.hwn.org> in Miami is the focal point for hurricane predictions and advisories once a storm is identified. Information on the storm is gathered from a variety of sources, one being Amateur Radio. When a hurricane comes within 300 miles of landfall, the Hurricane Watch Net (HWN) generally is activated; the net may also be activated for a tropical storm that is expected to intensify to hurricane status. HWN's primary thrust is to provide information to the NHC regarding the position and conditions within the storm area and providing advisories to those in the affected area who might not have any other way to get that information. HWN is not a "check-in" net, and checking in from outside of the affected area is strongly discouraged. HWN is also not a health and welfare traffic net but it will provide information as to frequencies where health and welfare nets are operational. When there is a named storm, feel free to tune to 14.325MHz and listen, but please don't transmit unless you have good reason. When the HWN is in operation, keep in mind that a clear frequency on either side is appreciated, since reporting stations will often be using makeshift antennas and low power. You can get up-to-date information on the storm, as well as receive the latest outlook and advisory bulletins via e-mail, at the Hurricane Watch Net

FCC Announces Enhancements to ULS License Archive

The FCC has announced a redesign of the Universal Licensing System (ULS) License Archive Search. Users can access this new functionality via the "Archives" button under "SEARCH" on the ULS page. <http://www.arl.org/news/stories/2007/06/01/103/?nc=1>

EB - Amateur Radio Service Enforcement Actions

Amateur Radio enforcement correspondence -- with some exceptions -- will be available to the public on the FCC's "Amateur Radio Service Enforcement Actions" Web site.

<http://www.fcc.gov/eb/AmateurActions/Welcome.html>

The listing will be cumulative, and Special Counsel in the FCC Spectrum Enforcement Division Riley Hollingsworth anticipates updating it every 7 to 10 days. The site will not be a comprehensive listing of enforcement correspondence. For example, it will not include letters requiring retesting pursuant to §97.519(d) of the FCC's rules, letters regarding radio frequency interference to amateur licensees and letters requesting an initial response to a complaint.

Global Amateur Radio Beacons

Check out: <http://www.ncdxf.org/Beacon/BeaconSchedule.html> which lists all of the amateur radio beacons around the world on 20 through 10 meters and there schedule of operation.

Nets:

Fannin County Amateur Radio Weekly Net

Every Tuesday @ 21:00CST on the 145.470-repeater

This is an informal information net.

Grayson County ARES Net

2nd/4th Sundays @ 21:00CST on the 147.000+ repeater.

This is a directed information net. Wilmer Kinsey, WB5DCU, Net control

28.480MHz ARES Net

2nd/4th Monday @ 19:15CST on 28.480MHz USB.

McKinney ARES Net

2nd Sunday @ 2100CST on the 146.740 repeater.

McKinney Info Net

Each Sunday @ 2000CST on the 146.740-repeater with Dave Dunbar, N0RQ as net manager

McKinney 6 meter AM Net

Each Wednesday @ 22:00CST on 50.400MHz



Grayson County Repeaters

Primary – 147.000+ MHz w/100Hz CTSS PL

Secondary A – 147.080+ MHz w/100Hz PL

Secondary B – 146.520 MHz

444.750 MHz w/ 100Hz PL

Durant Oklahoma Repeaters

147.390+ MHz w/118.8Hz PL

147.255+ MHz w/118.8Hz PL

Van Alstyne TX

443.800+ MHz w/103.5Hz PL

Gainesville TX Repeater

147.340+ MHz w/100.0Hz PL

Bonham TX Repeater

145.470- MHz

McKinney TX Repeater

146.740-MHz w/110.9Hz PL

MERA 443.2+MHz w/100.0Hz PL

Ethyl TX

147.220+MHz w/100.0Hz PL, 1000' AGL

GCARC Treasury Report

Bank Statement of 09/01/2007

Starting Acct. _____ \$ 1,277.29

Deposits _____ \$ 12.00

Expenses _____ \$ 0.00

Account Balance of 09/01/07 is ____ \$ 1,289.29

NOTES:

Deposits:

\$ 12.00 – Membership

Expenses:

\$ 0.00 – None

Moe Knight, NT7C

GCARC Treasurer

Grayson County RACES and ARES

Wilmer Kinsey, WB5DCU
EC Grayson County

Directed or Formal Net Preamble

The Net Preamble is the document that the Net Control Station reads at the very beginning of a net. Listen very closely as it is read. This document tells you the call sign of the Net Control Station and the name of the NCS operator. It will tell you the purpose of and/or why the net was called. It will tell you if it is a directed net or an informal net. The preamble will tell you who can check into the net and the check in procedure. It will tell you how you will be checked out of the net. The preamble tells you everything you need to know about the net and its operation.



PLEASE LISTEN VERY CLOSELY TO THE PREAMBLE!!!

If you miss the preamble listen to the net operation for a short time to learn how the net is run and how other stations are checking into the net. If it is not a special purpose net, you may want to check into it. The NCS of various traffic nets will announce what net it is, its purpose and how to check in.

What Is An Emergency Net?

The word "net" is short for "network." Networks can be defined as groups of equipment, individuals, and/or agencies acting together to increase efficiency and effectiveness through shared information and resources. The word "network" can be further broken down into its two components. "Net" implies a capture and holding effect. "Work" implies that something productive is to be accomplished. Ham radio operators and nets in emergency situations capture, record, hold, and distribute information so that others may work (produce results) more effectively.

"Emergency" may be defined as an accident or other crisis where people and/or property are in distress. Emergencies are nearly always recognized and declared by agencies or authorities outside of the Amateur Radio Service. Amateur radio operators and net control stations do not have independent authority to declare an emergency.

From the A.R.E.S Net Operations Training Manual, Original Manual By R. Bruce Winchell, N8UT

SKYWARN Window Stickers

I now have vinyl SKYWARN stickers, they are \$1.50 each. We can't seem to find any of the free ones any more!

Sherman Warning Siren Test Net

The next warning siren test will be on Wednesday October 03, 2007 at 9:00AM.

The net will be called up at 8:40AM from the Sherman EOC using the EOC call WC5GC. The Net Control Operators will either be Johnnie, KD5NIC or Daniel, KD5LLW. If the test is canceled all stations will be notified at this time. I will send out a roster each month prior to the test to all participants who have e-mail capability listing the station calls and siren numbers.

We are in need of more volunteers to monitor the sirens or as back-ups for the folks that are assigned a siren. This exercise takes approximately 45 minutes to complete. You DO NOT have to live in Sherman to participate. If anyone would like to volunteer to monitor one of the sirens the first Wednesday of each month at 9:00AM give me a call.

If you have any questions about the siren test net or if you can not participate please give me a call on the radio or on the phone, the phone numbers are at the bottom of the article.

Anyway the warning siren net is going very well. Keep up the good work!!!!

When To Display ARES Magnetic Door Signs

Always display your ARES magnetic door signs when you are storm spotting. Most Public Service and/or law enforcement officers in Grayson County will recognize them and will know what you are doing when storm spotting, especially at night time.

Whenever we provide communications for public service events or other events you will be asked to display them so all event officials and participants will recognize who you are and what you are doing.

When participating in any events or storm spotting make sure you wear your ARES picture ID badge.

Always have your RACES picture ID badge along with you in case an emergency is declared by a public official. Should that happen we will immediately roll over into a RACES net.

If you need magnetic door signs or ID badges please read the respective paragraphs below.

Updating ARES Roster

I am in the process of updating the Grayson County ARES roster. I want to make sure I have your latest address, phone number and email address if you have one. I will have ARES forms with me at the club meetings that you can fill out and return to me. You can go to the club web site click on "ARES", when that page appears look to the lower right and you will see "Amateur Radio Emergency Service Registration Form", click on it. This is a .pdf file, print it out on your printer, fill it out and send it to me. If you have a scanner, scan it in, save as a .jpg file and attach it to an email message to me.

ARES Magnetic Door Signs & Texoma Emergency Communications Association (TECA) Patches

I have 10 sets of magnetic door signs available. They are \$6.00 per set(2). Call me or e-mail me if you need a set. I also have a supply of Texoma Emergency Communications Association patches. They are \$2.00 each.

Grayson County ARES/RACES

If you need to fill out an ARES/RACES application please contact me or go to the website "AMATEUR RADIO in GRAYSON". Click on "ARES", look at the lower right hand corner and you should see the "Amateur Radio Emergency Service" and "Radio Amateur Civil Emergency Service" forms. They are .pdf files, just download, fill them out and return them to me.

All of the information is confidential and will not be made public. The forms will be kept in a secure location. If I don't have a digital picture of you on file I will be glad to take one, just let me know. RACES will only be activated if a disaster is declared by a government entity or upon request of the local Emergency Management Directors. David Woods, W5COP or myself, WB5DCU are the local RACES contacts.

Want to join ARES or RACES? Need an ARES badge? I can also take digital pictures for your badges. Please contact me.

I appreciate each and every one's hard work and dedication to ARES, SKYWARN and Public Service in Grayson County.

Thank you,

Wilmer O. Kinsey - WB5DCU

EC Grayson County

350 Mitchell Road

Sherman, TX 75090-3223

Home - 903-893-5872

Work - 903-868-7496

Cell - 903-271-3557

Pager - 903-867-7294

Send me an ALPHA page -
9038677294@pageaci.com

Meeting Minutes 17 August 2007 Meeting

Call to Order by President David Woods – W5COP – 1931 hours

Roll sheet passed around (16 signing in) and introductions made.

Harris Swan – K5MWC – The North Texas Section Emergency Coordinator came and gave a presentation over ARES and RACES which highlighted the differences between the two groups.

The constitution and bylaws were not able to be voted upon due to insufficient attendance. The current constitution and bylaws require 2/3's of the membership (19 members) to vote affirmatively to make a change. Since we didn't even have 19 members attending the meeting, we will send out a mail-in ballot to all members so everyone will be able to have their opinions heard.

Meeting adjourned at 2030 hours

Respectfully submitted,
Kevin Knight
KD7MSX, Secretary