



GRAYSON COUNTY AMATEUR RADIO CLUB NEWS

JULY 2014

WWW.K5GCC.ORG

VOL. 20, No. 7

THE PRESIDENT'S QSO

Hi All,

Field Day 2014 was a huge success!! We had a bunch of fun and ate some awesome food. I want to thank everyone that came out and helped make this a great time. We worked both digital and SSB on all bands starting at 1pm Saturday straight through to around 10am Sunday when we called it quits. We didn't last until 1pm but that's ok. We had fun and that's the name of the game. I was really impressed with the equipment some of the members set up. We had an old military truck with ham shack built in. We had a shack in a bag, complete with Buddipole antenna system for all bands, and a couple stations built into road cases. You guys put a lot of effort into this and I think it's awesome!

Last Saturday we had our Red River Bridge War special event station. That event kind of "snuck" up on us being right after Field Day but we still had fun. Lee (N5SLY) cooked hamburgers and hot dogs, and we made some contacts out of the air conditioned trailer thanks to Tim and Stacy (KF5RAX and KF5RAY). Thanks go out to everyone that helped out and Jeannie (KF5PDM) for picking up the food.

Last but not least, we have the Kiwanis Bike Rally coming up on August 9th. If you haven't done so already, please visit the club's web site at www.k5gcc.org and click on the Bike Rally tab on the top of the page to volunteer. This is my favorite event of the year and we can use all the help we can get. We will be running APRS again this year, and we need to get everyone signed up as soon as possible so Jeannie can work out all the details.

Hope to see everybody at the meeting on Friday where we will talk a little more about a club radio and have a presentation.

Please visit the [Grayson County Amateur Radio Club Calendar](#) to stay in the loop of the different activities.

If you have ANY comments, questions, concerns, or ideas...Please contact me at bencsly@gmail.com

Thank You
Ben Sly (KF5OEB)



"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

CLUB INFORMATION

2014 OFFICERS

President: Ben Sly KF5OEB
Vice President: Jeannie Dopson KF5PDM
Secretary: Sheila Sammons KF5TDP
Treasurer: Sheila Sammons KF5TDP
Activity Directors: Daniel & Amber Boehmisch
(AF5OY & KF5WPS)
Trustee: Rick Simmons K5ECX

MEETINGS

When: 3rd Friday of each month
Time: 7:00pm (1900 hours)
Location: Grayson County Courthouse
2nd Floor Assembly Room
100 W. Houston Street
Sherman, TX 75090
GPS: 33.38.18N, 96.36.59W

MAILING ADDRESS

Grayson County Amateur Radio Club
718 Highway 82 E, # 198
Sherman, Texas 75090

NEWSLETTER

Published: Monthly via e-mail
Editor: Michael Bernier KF5NPM
To Submit News Send E-Mail to
or to Add/Remove KF5NPM@GMAIL.COM
from E-Mail List:
Submission 12 midnight on the Saturday
Deadline: prior to each monthly meeting

WEBSITE & SOCIAL MEDIA

Address: WWW.K5GCC.ORG
Webmaster: TBA
Facebook www.facebook.com/groups/K5GCC
Page:

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, the ARES patch should be placed 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.

GCARC TREASURER'S REPORT

Starting Balance 5/31/2014	\$1,436.15
Cash On Hand	\$20.00
Deposits	+ \$0.00
Expenses	– \$125.00
Ending Balance 6/30/2014	\$1,311.15

NOTES:

Deposits: None
Expenses: Donation to Perrin AFB Museum (\$50.00); Food for Field Day (\$75.00)

Sheila Sammons KF5TDP
GCARC Secretary/Treasurer

GCARC MEETING MINUTES

GCARC Meeting, June 20, 2014

President Ben Sly called the meeting to order at 7:01 pm. Seventeen members were in attendance. Guest included Jeff Cramer, Paul Wicket, and Jamie Patterson.

Motion to accept minutes of previous meeting was made by John Hutchison (WDOFIN) and seconded by Mark Pilkilton (KF5UZM), motion passed.

Treasurer Report was reviewed and motion by Joe Denny (WD5JME) and seconded by Jim McGlynn (KF5QOI), motion passed.

Old Business

- Club radio choices were discussed and members were informed that the Yaesu FT-897D was being discontinued.
- Club 20th Anniversary T-Shirts were to be ordered at July meeting. Order forms available in the newsletter and at the meetings.
- Anyone volunteering for the Red River Bike Rally was reminded to sign up at the website.

New Business

- ARRL Field Day and Red River Bridge War Special Events were highlighted and reminded everyone that Rick Simmons (K5ECX) would be cooking for the Field Day and, hopefully Leland Sly (N5SLY, formerly KF5OED) would man the charcoals for the RRBW Special Events day.
- David Woods (W5COP) informed the members that the City of Sherman would be doing work in the area adjacent to the W5RVT repeaters (VHF and UHF) starting in mid-October. Arrangements are being made to minimize any disruption of repeater service.

Presentation by Lee Sly (N5SLY) on QSL and eQSL cards.

Motion made and seconded to adjourn at 8:00p.m.

Next Meeting will be at 7pm on Friday, July 18th, 2014, in the Grayson County Courthouse 2nd Floor Assembly Room, Sherman TX.

Respectfully Submitted,
Sheila Sammons KF5TDP
GCARC Secretary/Treasurer

CLUB MEETINGS, LOCAL ACTIVITIES, AND UPCOMING EVENTS

Club Meetings

Grayson County Amateur Radio Club (GCARC)

3rd Friday at 7:00pm

Grayson County Courthouse 2nd floor assembly room, 100 West Houston Street, Sherman TX

<http://www.k5gcc.org>

Cooke County Amateur Radio Club (CCARC)

2nd Thursday at 7:00pm

Cooke County Library, 200 S. Weaver Street, Gainesville TX

<http://www.gainesvillehamfest.org/club.htm>

Durant Amateur Repeater Association (DARA)

3rd Tuesday at 7:00pm

Bryan County Emergency Management, 2808 Enterprise Drive, Durant OK

<https://www.facebook.com/pages/Durant-Amateur-Repeater-Association-Ham-Radio/292030700959672>

Fannin County Amateur Radio Club (FCARC)

3rd Saturday at 9:00am

First Presbyterian Church, 818 North Main Street, Bonham TX

<http://www.k5frc.org>

McKinney Amateur Radio Club (MARC)

2nd Tuesday at 7:00pm

Spring Creek Barbecue, 1993 North Central Expressway, McKinney TX

<http://www.mckinneyarc.org>

Quarter Century Wireless Association (QCWA) Chapter 41

1st Saturday at 11:00am

Midway Point Restaurant, 12801 Midway Road, Dallas TX

<http://www.texasqcwa41.org>

ARES® / SKYWARN®

Grayson County ARES® Training

4th Tuesday of each odd-numbered month (Jan / Mar / May / Jul / Sep / Nov) at 7:00pm

Sherman Municipal Airport Terminal Building, 1200 S. Dewey Ave., Sherman TX

<http://www.tecoares.org>

GCARC Events

Kiwanis Bike Rally

August 9, 2014

Tanglewood Resort and Conference Center, Pottsboro TX

The club will be providing communications support for the rally and staffing one of the rest stops. Many volunteers are needed; sign up at the GCARC website <http://www.k5gcc.org>

GCARC 20th Anniversary

September 20, 2014

Details TBA

Training Classes

Radio & Electronics Lab for Hams

2nd Saturday of each month from 8:30am-12:30pm

Grayson College Center for Workplace Learning, Seminar Room C, 6101 Grayson Drive, Denison TX

This is a hands-on class where students learn basic principles of electronics, proper use of tools and test equipment, and other tips and techniques applicable to Amateur Radio. Class content will vary.

Contact: Moe NT7C (903) 564-7115 or nt7c@arrl.net

Class Fee: No charge for the class; however, there may be costs for tools and/or supplies used in the class

Registration: Required; contact Moe to register

VE Testing Sessions

Texoma VE Team – Bi-Monthly Testing

NOTE: June was the last month for Technician License testing using the current question pool. The new Technician question pool (effective July 1) will be used for the August test session.

1st Thursday of each even-numbered month (Feb / Apr / Jun / Aug / Oct / Dec) at 7:00pm
Grayson College Center For Workplace Learning, Seminar Room C, 6101 Grayson Drive, Denison TX
Contact: Moe NT7C (903) 564-7115 or nt7c@arrl.net

Durant Amateur Repeater Association – Monthly Testing

3rd Tuesday of each month at 8:00pm (following the DARA monthly meeting)
Bryan County Emergency Management, 2808 Enterprise Drive, Durant OK
Contact: Jim K5BNK (jharmon@netcommander.com)

Texoma Amateur Radio Association – Monthly Testing

3rd Saturday of each month at 2:00pm (**no testing in June or July**)
The Java Stop Café, 5700 North FM 1417, Sherman TX
Contact: Dave K5YM (281) 743-7478

Fannin County Amateur Radio Club – Appointment-Only Testing

First Presbyterian Church, 818 North Main Street, Bonham TX
Contact David WA0URJ (wa0urj@yahoo.com) to schedule a session

Hamfests

Ham Holiday (ARRL Oklahoma State Convention)

July 25-26, 2014 (Friday 3:00pm-7:00pm; Saturday 8:00am-3:00pm)
VE Testing: Saturday 9:00am-3:00pm
Bricktown Hotel, I-40 & Martin Luther King, Jr. Avenue, Oklahoma City, OK
Talk-In: 146.820 (151.4 PL)
Public Contact: Thomas Webb WA9AFM (405) 737-6716 or wa9afm@arrl.net
Website: www.hamholiday.org

Austin Summerfest (ARRL Texas State Convention)

August 1-2, 2014
Crowne Plaza Austin Hotel, 6121 North I-35, Austin TX
Talk-In: 146.940 (107.2 PL)
Public Contact: Joe Makeever W5HS (512) 345-0800 or w5hs@arrl.net
Website: www.austinsummerfest.org

Ada Hamfest

September 13, 2014
Chickasaw Community Center, 700 N Mississippi Ave, Ada OK
Talk-In: 147.285 (114.8 PL)
Public Contact: Chris Faulkner KD5NQA (580) 332-1435 or kd5nqa@yahoo.com

Gainesville Hamfest

September 27, 2014 7:00am-1:00pm (VE Testing starts 9:30am)
Gainesville Civic Center, 311 South Weaver Street, Gainesville TX
Talk-In: 147.340 (PL 100.0) or 442.775 (PL 100.0)
Public Contact: James Floyd N5ZPU (940) 668-7511 or jfloyd54@suddenlink.net
Website: www.gainesvillehamfest.org

Texoma Hamarama (Oklahoma Section Convention)

October 24-25, 2014 (Friday 5:00pm-8:00pm, Saturday 8:00am-1:00pm)
Ardmore Convention Center, 2401 N Rockford Rd, Ardmore OK
Talk-In: 146.97
Public Contact: Don Loving KM5OX (580) 221-1894 or wallcloud2001@yahoo.com
Website: www.texomahamarama.org

DURANT AMATEUR REPEATER ASSOCIATION (DARA) NEWS

The monthly DARA meeting is held the third Tuesday of each month at 7pm, and all guests are welcome.

DARA operated 24 hours during Field Day. Two highlights were the nightly visitation (as every year) by the Coon family – raccoons scarfing up all left out food – and the emotions of having the first 100 QSOs disappear from logged computer

memory. Several new Technician class amateurs quickly found themselves on the air, microphones in hand. Some worked contacts outside the USA and their excitement has been broadcast all through town.

Some photos from our Field Day:



Some DARA members also visited the GCARC special event station at W Burns Run.

Jim K5BNK

QSL MANAGER'S CORNER

Hi Everyone,

It has been a busy month. We had Field Day the end of June, the 4th of July Holiday and the Red River Bridge War Special Event Station all in the last 3 weeks.

Field Day was a great success for our club. Lots of folks turned out and we had lots of radios to play with and a bunch of visitors who wanted to learn about ham radio. Great food was cooked by Rick. The best Field Day I've ever experienced.

We didn't make a ton of contacts but what did happen is that a lot of folks tried different modes they hadn't worked very much, got to play with different radios and spent time with each other. We had a total of 166 QSOs, have received 14 eQSLs and 21 LoTW QSLs so far. We did make confirmed DX contacts with hams in The Netherlands, Columbia, Scotland & Canada.

The Red River Bridge War Special Event was also a lot of fun. Not a big turnout, but we had a great time. We only had one radio set up and spent the day on 20m using PSK31. The band was good and we had no problem getting one contact after another all day long. Haven't got the log yet so I don't know how many contacts we made; however, I do know we contacted the ham radio club at Walt Disney World, the USS Midway in San Diego and Tim got a contact in South Dakota which the club needs for our WAS award.

Also this last month I have taken care of all the old QSL cards the club received so we are now up to date. The club will never again get that far behind while I'm on watch.

And finally a personal note to everyone. I applied for and was granted a vanity call sign. My new call is N5SLY. The neatest thing is that it was granted on the 4th of July. Who knew the FCC worked on the 4th of July. I also spent that weekend working the 13 Colonies Special Event and was fortunate enough to make contact with all 13 Colonies as well as the 2 other stations that were working that event. I've sent QSL cards to all of the stations and have started to get cards coming back to me. I'm looking forward to that Certificate coming in the mail for getting the "Clean Sweep".

Remember...the most important thing is that you have fun!

73,

Lee N5SLY

kf5oed@gmail.com

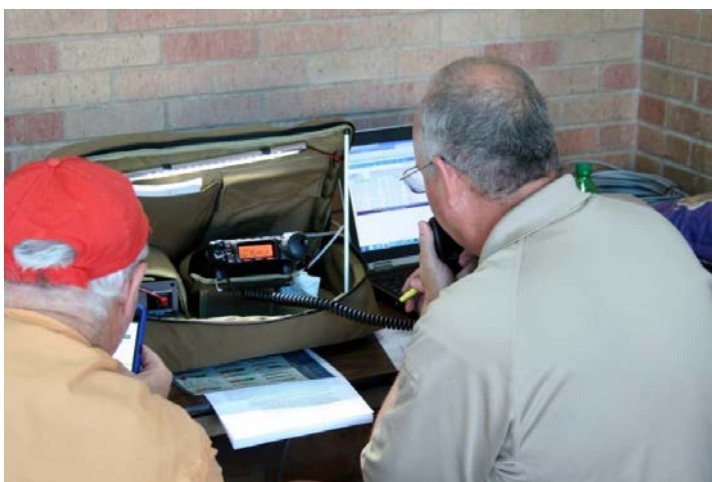
CLUB ACTIVITY REPORTS

ARRL Field Day – June 28-29, 2014

On Saturday June 28th, the club set up for Field Day at the Sherman Municipal Airport. On the air by 1pm, the plan was to operate for 24 hours using several stations and antenna setups that rotated around the bands and switched between SSB and PSK31 modes as conditions changed. Dinner on Saturday and breakfast on Sunday were cooked by Rick K5ECX.



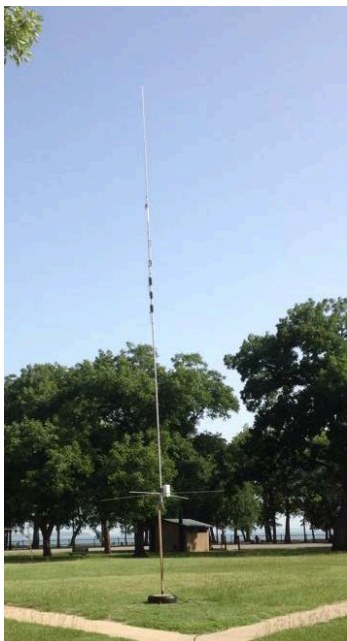




Red River Bridge War Special Event Station – July 12, 2014

On Saturday July 12th the club set up and operated a special event station at West Burns Run Campground in Oklahoma to commemorate the Red River Bridge War. Using the special event callsign W5I the club operated on 20 meter PSK31. Lunch was cooked by Lee N5SLY.





For more photos from all of our events, visit our Facebook page:

<http://www.facebook.com/groups/K5GCC/>

SWAP MEET

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

To submit items to be listed, send the information in an e-mail to the GCARC Newsletter Editor at kf5npm@gmail.com. When listing items for sale or trade, photographs are encouraged. There is no charge for listings, and you do not need to be a member of GCARC to participate.

FOR SALE: Cushcraft ALS2010 8-Element Log Antenna

Recently working, was taken down to replace with a new T8 log. SWR 2.0 to 2.5 but a tuner brings it into line just fine. Located in Savoy; will need to be partially disassembled for transport.

Asking \$150. Contact: Gary Stone N5PHT via e-mail -- n5phtgs@gmail.com

FOR SALE: Cushcraft ASL-670 Log Periodic Antenna

The Cushcraft ASL-670 is the ultimate multi-use antenna. Since the antenna is a log periodic, it offers continuous coverage through the 2 and 6 meter bands as well as 220 and 440 MHz. So while being a terrific antenna for operating those bands, it's also a great aviation and public safety band monitoring antenna.

Use the antenna for contesting and mountain topping if you like. The antenna is compact and easy to assemble and disassemble with no tuning required. Yet it is rugged enough for permanent installations.

This antenna has excellent gain f/b with good VSWR bandwidth to boot. Enjoy the fun of high performance operation *and* multi-frequency.



\$190 Pick Up Only in Bonham, TX
Contact: David Reeder WAØURJ
E-mail: WA0URJ@yahoo.com
Home 903-583-1023 – Cell 972-658-6773

FOR SALE OR TRADE: GAP Titan DX Vertical HF Antenna

I have a GAP Titan DX 10m-80m vertical HF antenna for sale or trade. It is in good but used condition. Please go to the GAP Antenna website (www.gapantenna.com) for details and price when new. I also have the optional heavy duty tilt over mounting plate. It is currently assembled and I want buyer/trader to see it that way. However, I think it will have to be taken apart to transport as it is 30 ft. tall. No ground radials needed as it has its own ground plane wires.

For sale or trade at half its new price
Contact: Sarge KE5YPB
E-mail: 0101.smd@gmail.com

FOR SALE: Computer and Radio Station Desk

Desk is light oak, 62" w x 33" d with glass panel to see monitor from below. Power distribution panel included. Hutch is white pine stained to match the desk, 60" w x 42" h with adjustable shelves. Desk can be disassembled for transportation and reassembled easily.

Asking \$400 for the set.
Radios not included.
Contact: Bill KK5RW
Phone: (281) 217-9942
E-Mail: 3bewens@gmail.com



Grassroots Campaign Underway To Promote Co-Sponsorship Of The “Amateur Radio Parity Act”

A grassroots effort is underway to encourage radio amateurs to promote co-sponsorship of [HR.4969](#), the Amateur Radio Parity Act. The measure, introduced in the US House with bipartisan support on June 25, calls on the FCC to apply the “reasonable accommodation” three-part test of the [PRB-1](#) federal pre-emption policy to private land-use restrictions regarding antennas. The bill’s primary sponsor is Rep [Adam Kinzinger](#) (R-IL), and it has initial co-sponsorship from Rep [Joe Courtney](#) (D-CT). With Congress going on its August recess in a few weeks, the campaign is focusing on contacting Members of Congress or their staffers at or through their district offices during the break. Getting additional lawmakers to sign on as HR.4969 co-sponsors is considered essential to the bill’s success.

“This is the ideal time for you to develop small teams of constituents to approach members of Congress in their district offices,” said ARRL Hudson Division Director Mike Lisenco, N2YBB, a principal proponent of HR.4969. “Ideally, you’d want no more than three members to go to a meeting with a Member of Congress or top staff members. These need to be active, articulate individuals who present themselves well.” Individual radio amateurs or clubs also may wish to e-mail or write their representatives to urge them to cosponsor the bill.

The primary point to convey is that the greatest threat to Amateur Radio volunteer emergency and public service communication is restrictions that prohibit the installation of outdoor antenna systems. Nearly 30 years ago the FCC, in adopting its PRB-1 policy, acknowledged a “strong federal interest” in supporting effective Amateur Radio communication. In the intervening years, PRB-1 has helped many amateurs to overcome zoning ordinances that unreasonably restricted Amateur Radio antennas in residential areas. The 11-page PRB-1 FCC *Memorandum Opinion and Order* is codified at § [97.15\(b\)](#) in the FCC Amateur Service rules, giving the regulation the same effect as a federal statute.

After the Telecommunications Act of 1996 ordered the FCC to enact regulations preempting municipal *and* private land-use regulation over small satellite dishes and broadcast TV antennas, the FCC further acknowledged that it has jurisdiction to preempt private land-use regulations that conflict with federal policy. At this point, PRB-1 only applies to state and local zoning laws and ordinances. The Commission has indicated that it won’t extend the policy to private land-use regulation unless Congress instructs it to do so.

If HR.4969 passes the 113th Congress, it would compel the FCC, within 120 days of the Bill’s passage, to amend the Part 97 Amateur Service rules to apply PRB-1 coverage to include homeowner’s association regulations and deed restrictions, often referred to as “covenants, conditions, and restrictions” (CC&Rs). HR.4969 has been referred to the House Energy and Commerce Committee. Rep Greg Walden, W7EQI (R-OR), chairs that panel’s Communications and Technology Subcommittee, which will consider the measure.

Among other tips, Lisenco advises groups setting up in-person visits with representatives to pick a leader, listen carefully, and leave behind information that supports your primary points, plus a business card. “Business cards are a big thing in DC,” he pointed out. “Make certain to take them when going to DC or a district office.”

“This isn’t rocket science, but it does take planning and the ability to state your case succinctly in no more than 15 minutes,” Lisenco advised. He said delegations should follow up with a thank you note within a day and a telephone call a week later.

An information sheet on HR.4969, a list of “talking points,” and a sample constituent letter to a Member of Congress will be available soon.

- Originally published online at [ARRL.org](#)

ARRL-Sponsored 600 Meter Experiment Approaches 170,000 Hours Of Operation

According to the most recent report on the ARRL [WD2XSH experimental operation](#) on 600 meters, participants have logged 168,472 hours on the air. Things are not perceptibly closer in terms of obtaining an Amateur Radio allocation in that part of the spectrum, however. So far, 522 contacts have been made between participating stations on 472 to 479 kHz since the experiment got underway in late 2006.

“Activity has continued strong into the spring, in spite of the increasing noise level and decreasing amount of night time,” Experiment Coordinator Fritz Raab, W1FR, reported in his Spring 2014 summary of operations, released June 23. “Many transmissions used digital modes and other experimental licensees were quite active.”

The FCC has remained silent regarding the ARRL’s November 2012 [Petition for Rulemaking](#) that asked the Commission to make 472-479 kHz available to radio amateurs in the US. Delegates to the 2012 World Radiocommunication Conference [approved](#) a 7 kHz-wide secondary allocation for the Amateur Radio Service, with a power limit of 5 W EIRP (or 1 W EIRP, depending on location). The FCC has indicated that it will address the issue within the context of its *Notice of Proposed Rule Making* in [ET Docket No. 12-338](#), to formally reflect the *Final Acts of WRC 2007* in its rules.

Some regular ARRL MW experiment participants, including Raab, now are off the air temporarily. Raab is moving to the Midwest, and Dean Gagnon, KK1K, will take over his site in Burlington, Vermont and operate as WD2XSH/47. Pat Hamel, W5THT, operating as WD2XSH/6, also is off the air for the time being. In addition, after one season, Neil Klagge, W0YSE, in Utah, who had been operating as WG2XSV, has shut down because he is relocating. Michael Reid, WE0H, in Minnesota, who had been participating as WD2XSH/16, is off the air but will return under his own Part 5 Experimental license WD2XGI, which was modified to add 460 to 490 kHz.

Proponents of the MW allocation, which is variously called “600 meters” and “630 meters,” have been spreading the word at ham radio gatherings. Raab reported that Rudy Severns, N6LF, gave a presentation on the 600 meter band at the [SeaPac](#) earlier this month, while John Langridge, KB5NJD/WG2XIQ, spoke at [Ham-Com](#) in June and reported strong interest a new band at 472-479 kHz.

A few countries, including Canada, France, Germany, the Philippines, and Vietnam, have approved Amateur Radio bands in the vicinity of 500 kHz. Canada’s band is 472-479 kHz.

Raab reported that three new experimental licenses have been issued, and one existing license was modified to include frequencies in the 472-479 kHz range. They are WD2XGI in Minnesota, WH2XAR in Arizona, WH2XCR in Hawaii, and WH2XES in Texas.

- Originally published online at ARRL.org

SKYWARN Pioneer Alan R. Moller, N5ZCB, SK

National Weather Service forecaster, storm chaser, and [SKYWARN](#) pioneer Alan “Al” Moller, N5ZCB, of Benbrook, Texas, [died](#) June 19. He was 64. Moller and Chuck Doswell were the primary contributors to the development of the national SKYWARN program.



Moller was a Senior Forecaster (retired) at the National Weather Service Fort Worth, Texas, Office, where, the NWS said, he “tirelessly worked to better understand thunderstorms and tornadoes, while at the same time teaching others to responsibly observe and report storm information from the field. He was a voice and a bridge between operational and research meteorology, and thus, was respected by both of these meteorological disciplines.”

He also was a writer and cinematographer, known for [StormWatch](#) (1995), [Tornadoes: A Spotter’s Guide](#) (1977), and [Chasing the Wind](#) (1991). In addition, Moller enjoyed nature and landscape photography.

Moller held bachelor’s and master’s degrees in meteorology from The University of Oklahoma. Doswell, a friend and colleague of Moller met at the University of Oklahoma, described Moller as passionate about public service as well as about forecasting and severe storms.

According to his *Dallas Morning News* [obituary](#), Doswell and Moller started a storm-chaser program in 1972, theorizing that weather observations from the field could help forecasters. This established the groundwork for SKYWARN, a volunteer program with nearly 290,000 trained severe-weather spotters, many of them Amateur Radio licensees, who work with NWS forecasters by providing real-time observations.

- Originally published online at ARRL.org

LOCAL RADIO NETS

Daily

Texas Slow Net (CW only)

Daily 7:45pm CT on 3.570MHz.

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

Weekly

Durant ARA Weekly Net

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

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

Fannin County ARC Weekly Net

Tuesdays 8:00pm CT on the 145.130– (no PL) repeater.

This is an informal information net.

McKinney 6 meter AM Net

Wednesdays 10:00pm CT on 50.400MHz

Ladies Net

Thursdays 8:00pm CT on the 147.000+ (100.0 PL) repeater.

Net Control Operator: Linda KE5YUC

McKinney ARC Info Net

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

Semi-Monthly

Grayson County ARC Information Net

1st & 3rd Sunday at 8:00pm CT on the 147.000+ (100.0 PL) repeater.

This is an informal information net and Buy/Sell/Swap net.

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

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!

Monthly

Scout Ham Net

1st Tuesday at 8:00pm CT on the 147.000+ (100.0 PL) repeater.

This net is for all active Scouts, Adult Leaders, and Merit Badge Counselors who are Amateur Radio operators.

North Texas ARES HF Net

2nd Wednesday at 8:30pm CT on 3.860 MHz LSB

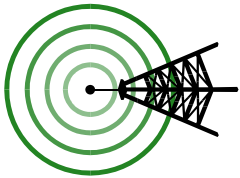
This is an information net open to all ARES members in the ARRL North Texas (NTX) Section.

McKinney ARES Net

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

AREA REPEATERS

Sherman TX	147.000+ MHz (100.0 PL)	W5RVT	Kingston OK	146.985– MHz (103.5 PL)	K5BQG
	147.280+ MHz (107.2 PL)	W5COP			
	444.750+ MHz (100.0 PL)	W5RVT			
Bonham TX	145.470– MHz (no PL)	K5FRC	McKinney TX	146.740– MHz (110.9 PL)	W5MRC
	145.130– MHz (no PL)	K5FRC		145.350– MHz (100.0 PL)	N5GI
	443.750+ MHz (no PL)	K5FRC			
Durant OK	147.390+ MHz (118.8 PL)	K5KIE	Melissa TX	443.200+ MHz (100.0 PL)	W5MRA
	147.255+ MHz (114.8 PL)	K5CGE			
Gainesville TX	147.340+ MHz (100.0 PL)	WB5FHI	Rosston TX	145.490– MHz (85.4 PL)	WD5U
			Van Alstyne TX	443.800+ MHz (103.5 PL)	W5VAL
			Grayson County ARES (portable)	441.375+ MHz (67.0 PL)	WC5GC
				(on the air only for emergencies & training)	



*****K5GGC 20 YEAR CELEBRATION*****

Grayson County Amateur Radio Club Apparel Order Form



Polo Shirt	sm to xl	\$28
Polo Shirt	sm to xl	\$39
W Left pocket		
T shirt	sm to xl	\$13
T shirt	sm to xl	\$15
W Left pocket		
*Shirts (2x 4x +\$4)		



Prices plus shipping and all items have K5GGC Club Special 20 Year Logo

First Name _____	Embroidered -	Men/Ldy	Qty	Ext
	Polo Shirt sm M L XL	\$ 28	___	___
	Polo Shirt sm M L XL	\$ 29	___	___
	w pkt			
Call _____	Screen printed -			
	T Shirt sm M L XL	\$13	___	___
	T Shirt sm M L XL	\$15	___	___
	w pkt			
Payment _____	*Shirts (2x 4x +\$4)			
Make checks Payable to GCARC	Shipping \$1.00 per item			
	Total			

K5GGC Grayson County Amateur Radio Club 20 yr Apparel Order -----Deliver Bottom portion to K5ECX by 07-18

First Name

Call

Payment

Make checks Payable to GCARC

Embroidered -

Polo Shirt sm M L XL

Polo Shirt sm M L XL

w pkt

Screen printed -

T Shirt sm M L XL

T Shirt sm M L XL

w pkt

*Shirts (2x 4x +\$4)

Shipping \$1.00 per item

Total

Men/ Ldy Qty

\$ 28

\$ 29

\$12

\$14

Ext

K5GGC Grayson County Amateur Radio Club 20 yr Apparel Order

Deliver to K5ECX by 07-18

First Name

Call

Payment

Make checks Payable to GCARC

Embroidered -

Polo Shirt sm M L XL

Polo Shirt sm M L XL

w pkt

Screen printed -

T Shirt sm M L XL

T Shirt sm M L XL

w pkt

*Shirts (2x 4x +\$4)

Shipping \$1.00 per item

Total

Men/ Ldy Qty

\$ 28

\$ 29

\$12

\$14

Ext

K5GGC Grayson County Amateur Radio Club 20 yr Apparel Order

Deliver to K5ECX by 07-18