



THE SIGNAL



Official Newsletter of the
Tulsa Repeater Organization



Vol. 50 Issue 2 February 2017

“Covering Tulsa through the air”

UP FRONT – A Word from the Editor

New meeting location this month! While the Delta Cafe was nice, the background noise was still a problem at times. So, this month we are giving Ricardo's a test drive. Their address is 5629 E 41st, at the east end of Southroads Shopping Center. The meeting begins at the normal time, 7 PM (1900 hrs). Come early if you want to eat! Don't care for Mexican food? Panera Bread, and TGI Friday's are nearby. The meeting room is downstairs from the main dining area. If you have a problem with stairs, the room has its own entrance. You can find it to the left of the main entrance between two large windows. Just ring the doorbell and someone will let you in

This meeting is important due to the election of officers. Our current President, Vice-President, Secretary, Treasurer, and Trustee have agreed to continue, but we still must vote to keep all our tees dotted and our eyes crossed – or something like that...

Also the program this month should be interesting. At the Okmulgee County Ham Radio Meet and Greet, Saturday 11 FEB 2017 at their EOC, I asked Jeff Scoville, AE5ME, if he would do a presentation on digital radio, and he agreed to do it. The digital side of ham radio seems like an alphabet soup of modes and software: DMR, D-STAR, APRS, FLDIGI, etc. I'm sure not the only one who would like to have someone to make sense of it all! Merlin Griffin, WB5OSM, described such a program as “Digital For Dummies,” and I cannot think of a better way to put it!

Speaking of the Okmulgee County get together, KOTV Channel 6 News came out. Our President, Mark Conklin, N7XYO, and Paul Teel, WB5ANX, Tulsa County ARES Emergency Coordinator, did a great job in the report that aired that night. You can see it here: newson6.com/story/34482908/okmulgee-county-ham-radio-operators-ready-to-help-in-emergencies.

Remember, membership fees are due on 01 MAR. Membership fees are \$25 for a year for a regular membership, \$30 for a family membership, or \$375 for a lifetime membership. How to pay? Several ways...

First, come to a meeting and pay our Treasurer, Steve Miller, AA5V, in person. He will accept cash or check. (Also another good reason to show up this month!)

Second, you can mail a check to the address on the last page of this newsletter.

What if you want to do it the 21st Century way, online? Well, if you have a PayPal account, you can. You sign in to your account, select the Send and Request feature, (continued on next page)



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**TRO February 2017 Club
Membership Meeting
28 FEB 17 1900
(come early to eat)
Ricardo's Mexican
Restaurant
41st & Hudson
(East end of Southroads
Shopping Center.)**

UP FRONT – cont'd

then select Pay for Goods or Services. The system will ask for an email. Use wa5lvt@tulsahamradio.org. Then once you've entered the email, set the amount, add the description, "2017 TRO Membership Dues for < your name & callsign >," designate the checking account or debit/credit card you wish to use, and submit.

Both you and Steve should receive confirmation emails when the payment is processed. If you need extra help, contact me or Steve.

If you haven't yet joined for the first time, please go to the club website and download the membership application form and mail it in with a copy of your license, or bring those with you to a meeting: tulsahamradio.org/TROApplicationForm.pdf

To see if you are a current member, you can check the roster at: tulsahamradio.org/roster.htm

Your dues are important to the club, for they help keep the repeaters on the air, and in good working order!

Looking further into the future, we often have Tulsa NWS Meteorologist-In-Charge Steve Piltz, KA9MLL present a program about weather at our March meeting.

This year also marks our 50th Anniversary, and I am looking into plans for a Special Event Station in or around September. In addition, I am also looking at a "50th Anniversary" streamer type banner to display along with our other banners at PR events this year, such as Wagoner County Preparedness Expo in March, Green Country Hamfest in April and Camp Bandage in May. More on these things as they develop...

73 de Doug KC5ZQM

FOR THE RECORD – Minutes and other organizational stuff



MEETING NOTES

DOUG LEE,
KC5ZQM

Tulsa Repeater Organization Membership Meeting Minutes JAN 2017

Date: 24 JAN 17

Location: Delta Cafe, 41st & Garnett

Open: 1904

Present: 24, 2 visitors

Reading of Minutes: Waived for the December membership meeting after motion to accept as published in The Signal, by Stan Callahan, KA5STN, second by Kenneth Baucum, KG5CBM. Waived for the January Executive Committee meeting after motion to accept as published in The Signal, by Ed Compos, K5CRQ, second by Paul Young, KE5EHM.

Treasury Report: Treasurer Steve Miller read the report with the comment that no changes have taken place since the officer's meeting. Accepted by vote on motion by Doug Lee, KC5ZQM, and second by Kenneth KG5CBM.

Engineering: No problems with any repeaters, except someone asked about turning off unneeded DVR announcements. Merlin Griffin, WB5OSM replied that most of the announcements are in a single audio file that he has to upload directly to the repeater. He has a board that he can install that will allow him to upload remotely over the Internet, but he hasn't had time to get to CityPlex to install it.

Activities: No activities scheduled, but Chairman Kenneth Baucum, KG5CBM had just emailed an application form to all the events that we supported last year. Doug KC5ZQM mentioned the 50th anniversary of the club is coming up this year, so he will email details of the Special Event Station we did for the 35th anniversary in 2002.

Public Relations: Chairman Doug Lee, KC5ZQM is working on having samples of new handouts for next month's officer meeting, and will soon start planning for displays at the Wagoner County Expo in March, and Green

(continued on next page)

FOR THE RECORD cont'd– Minutes and other organizational stuff**Tulsa Repeater Organization Membership Meeting Minutes JAN 2017 - cont'd**

Country Hamfest in April. Tom Stroud, KD5OPH often coordinates with Wagoner County Emergency Management for display of storm spotter/chaser vehicles, and Doug adds the club's PR display to the mix.

Membership: Chairman Tom Stroud, KD5OPH wasn't present, but President Mark Conklin, N7XYO commented that the Bring-A-Friend Contest went well.

Operating Standards: Chairman Ed Compos, K5CRQ, had nothing to report.

By Laws: No report

Trustee: No report

Old Business: Nominating Committee report: Consists of Ben WB5VST, Ray Young, K5CFY, Richie Shroff, W5OKL, Paul Teel, WB5ANX, and Stan Callahan, KA5STN. The current slate of elected officers (president, vice-president, secretary, treasurer, and trustee) have said they will continue in office for 2017. No nominations came from the floor.

New Business: Steve AA5V had a question about the club's charter. Our original charter in 1967 was perpetual, but an update in 1975 changed that to 50-year duration. Steve wanted to know if the 50 years began in 1967, or in 1975. Doug KC5ZQM will check with the Oklahoma Secretary of State.

Richie Shroff, W5OKL asked about door prize for Green Country Hamfest. In the past we have given away \$50.00 cash, so Kenneth KG5CBM moved that we do that again, Ed K5CRQ seconded, and motion passed.

Announcements: NWS storm spotter training is coming up. The Tulsa county session at the OU Tulsa campus, 41st & Yale is 25 FEB, Sand Springs is 26 JAN, and Broken Arrow is pending a reply from Ed Calianese, W5SVR, but the date should be 06 MAR. Broken Arrow Emergency Management still has openings for their Introduction to Emergency Communications (EC-001) ARRL course; contact Tony White, KA5TRO for details.

End of Business: Motion to close by Kenneth, KG5CBM, and second by Steve AA5V.

Program: After a 10 minute break for Ben Joplin, WB5VST to set up a screen and projector, he gave an update on APRS. He mentioned that some of his hardware is getting old, so he is looking for ideas to upgrade by finding better technology. He also discussed the capabilities of the new APRS software. Thanks to Ed K5CRQ for bringing the screen and projector.

[Note: all motions passed on vote, unless specified otherwise.]

OFFICER CANDIDATES' BIOS

President Mark Conklin N7XYO – I earned my amateur radio license in 1992. I currently hold a General class

(continued on next page)

FOR THE RECORD cont'd– Minutes and other organizational stuff**OFFICER CANDIDATES' BIOS – cont'd****President Mark Conklin N7XYO - cont'd**

license. I am a long-term member of the Tulsa Repeater Organization and a member of the Tulsa Amateur Radio Club. I am also a lifetime ARRL member.

I have been the ARRL Oklahoma Section Emergency Coordinator (ARES-OK) for several years and also have served as an ARRL Public Information Officer, and as the ARRL Oklahoma Section Public Information Coordinator. In the past, I served three terms as TRO president, and several years as the club's PR Committee chairman. I am also active in our community as a SKYWARN storm spotter and occasionally storm chase for a local TV station.

My wife Lynn Adair and I (and our spotted dogs) live in northern Okmulgee County, where I help as the Deputy Director for Okmulgee County Emergency Management. I am also reserve deputy sheriff assisting with operations, planning and Training. On weekdays (and a few Saturdays) you can find me at Stow's Office Furniture in Tulsa, where I am the assistant store manager.

Vice President Paul Young, KE5EHM - I worked at Safeway/Homeland for 23 years; retired from them and started working at a heating and air conditioning company. I got my ticket (license) in 2005, to do storm spotting. After a short time I found out there are so many things to do with Ham radio. I joined TRO and other radio clubs to help support the repeaters in and around Tulsa. I help out on all events that I can. Looking forward serving as TRO VP for another year.

Secretary Doug Lee, KC5ZQM - Weather has been a long-time interest of mine, and it was a major factor in me becoming a ham. My background in radio communications goes back to 1974 when I joined a National Guard infantry unit, and signed up for their "commo" section. I should have obtained my ticket back then, but my interests turned to other areas after I finished my 6 year hitch.

After earning a math degree from Tulsa Community College in 1996, I passed the test at the Green Country Hamfest in 1997. I finally upgraded to General in 2012.

As a ham, my public service record includes time as an emergency management volunteer, TRO Activities Chairman, numerous community events, ARES Net Control, and storm spotting. I have also participated in foxhunts and balloon chases, and have designed and built antennas. In addition to Secretary, I am also the club's PR chairman.

Treasurer Steve Miller, AA5V – I have been Treasurer for the TRO for nine years in the past and it is my fourth office held in TRO since becoming a member in 1978. I have been the Site Chairman of the 146.94 MHz repeater since 1981. My interest in amateur radio began with earning the Amateur Extra Class license and Commercial Radiotelephone license in 1978. I have been a member of ARRL since April 1977. Additional membership activities include my participation in the planning committee for Green Country Hamfest, Inc., VE test examiner, webmaster for TRO and Green Country and as an active member of Skywarn. My occupation is a Lead Programmer Analyst for Tulsa County, soon to be retired.

Trustee Merlin Griffin, WB5OSM - First licensed in 1971 at WN5EMG as Novice class operator. At that time Novices could only operate with 75 watts DC Input, CW (Morse Code) only, and Crystal Controlled. I decided to start out on 40 meters, but it seemed like the three frequencies I picked were all occupied by Short Wave Broadcast stations all running at least a 1/4 megawatt. Radio Moscow was probably running a full megawatt.

Another restriction on Novices was that the license was good for only two years and was not renewable. If your license expired before you upgraded then you had to sit out for a year and retest to get back in. I wasn't able to get my code speed up to 13 wpm at the time, and didn't have money for VHF equipment, so I had to sit
(continued on next page)

FOR THE RECORD cont'd– Minutes and other organizational stuff

OFFICER CANDIDATES' BIOS – cont'd

Trustee Merlin Griffin, WB5OSM - cont'd

out for a year.

One Saturday Morning at Derrick Electronics in Broken Arrow, I met Preacher, W5DRZ, an older gentleman at the time. He encouraged me to get back in and he and another ham gave me my second Novice Test. I got back in as WN5OSM. After both operating and practicing every night for a while, I was able to pass the 13 WPM code test, along with the 50 question written test and upgrade to General, and the FCC issued my present call WB5OSM. Then after about another year I took and passed the Advanced class exam, and about another year, year and a half, it was summer and I was a little bored. So, just for something to do, I got my code speed up, and stuffed my brain full of more electronic theory and passed the Extra Class exam.

Except for the Novice test, I had to take all of my tests from the FCC. At first they came to Tulsa four times a year, then twice a year, then once a year. Then they stopped coming at all. When they were doing this they were in OKC on the same day. So if you couldn't get there on that day, your only options were to get to either Kansas City or Dallas to one of their district offices. Also, keep in mind that they only gave the exam during normal business hours. So, to take any exam above entry level you had to take off from work or school. I always said there had to be a better way, so when the VE Testing program started up I got my credentials and have been an active VE ever since.

OK, the rest of it:

Past president of TRO

Trustee TRO

Site engineering chairman for the 146.88 repeater

President Green Country Hamfest INC.

Vice-president of Oklahoma Repeater Society Inc., also serve as their Tulsa District Officer, and State Frequency Coordinator.

Volunteer Examiner.

When I'm not busy doing ham radio, I have been employed by the City of Tulsa W&S Dept for almost 39 years. I am called an Environmental Monitoring Officer which means I am the computer geek for their chemistry lab. So I am part chemist and part computer geek.

I've been married to my wonderful wife Lynda for the last 12 years. By the way, she holds a tech license, KE5VYN. We first met at a storm spotter training class, then I took her on a few fox hunts. She was so impressed with ham radio, that she got her license. When I introduced her to some of you, I just gave her first names and call signs as we do. She asked me "Do any of your friends have last names of just these weird letters and numbers?" I thought about it for a few seconds and said well not really!

GETTING TECHNICAL – Engineering Report, Repeater Status



**ENGINEERING REPORT –
Joe Gorkos, N5TEX**

[Information provided by Bob Buford, W5RAB, and forwarded by Joe Gorkos, N5TEX]

I have the Kenwood TKR820 repeater tuned and ready for service. The CAT 700B keeps the repeater keyed all the time and I have run this down to a defective chip in the controller. This is a common problem with the CAT200B controllers so I keep a supply of the TPIC chips on hand, unfortunately the CAT700B uses a different TPIC chip (TPIC6259 u3 on the schematic). This chip controls several functions with PTT being one of the functions. I ordered some from Mouser today and should receive them in a day or two.

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GETTING TECHNICAL – Engineering Report, Repeater Status - cont'd

Engineering Report - cont'd

I am tuning this repeater up on 444.100 to replace the repeater at Skyline East. The reason is so we can just swap out the repeater and controller (CAT700B with CAT DR1000) with all the audio levels set. Then it is just a simple matter to reset the frequency on the present Kenwood TKR820 at Skyline East to 444.950 and take it intact to its new home at the Sun Building. This will give us the main repeater (444.100) with a DVR for announcements or whatever.

I hope to have this work completed by the next TRO meeting on the 28th. I will give the new setup to Steve so he can program the controller and DVR to the club's desires. After it is programmed, we can take it to Skyline and make the swaps.

| REPEATER STATUS | |
|---|--|
| 146.805 (-) PL 88.5 | 71 st & Yale - Working |
| 148.880 (-) PL 88.5 (CityPlex), 82.5 (Skiatook) or 141.3 (Keatonville receiver) | 81 st & Lewis - Working |
| 146.940 (-) PL 88.5 | Sun Building, 9 th & Detroit - Working |
| 444.1 (+) PL 88.5 | Skyline East 41 st & Skelly Drive - Working |
| 442.725 (+) PL 88.5 | GRDA tower NW of Skiatook - Working |
| 444.950 (+) PL88.5 | Sun Building 9 th & Detroit – Working |
| 927.700 (-25 MHz) (902.7) | CityPlex - Working |

GETTING RADIO ACTIVE (No TRO or TARC events scheduled at this time)



ACTIVITIES REPORT
Kenneth Baucum, KG5CBM

[This is a summary of information gleaned from emails.]

Applications for communications support were sent to coordinators of 7 events from last year. Applications returned include 2 of those events, plus 2 new events, one in early March and one in late April. Both of the new events are west of the Arkansas River, with one taking place totally within Turkey Mountain Park.

I will be asking the club, for a simple yes/no vote on supporting these events as presented, with no other conditions as to how much or how little we choose to take on. I'll then immediately either contact the event coordinators to advise if we have decided not to support the event, or will immediately (at the meeting) take names of volunteers to begin filling in our volunteer list. Once I have sufficient volunteers committed, I'll advise the event coordinators that we will be able to support their event.

SKYWARN STORM SPOTTER TRAINING CONTINUES TROUGH MARCH 2017: Two sessions are scheduled for the Tulsa area. The first is at the OU Schusterman Center, 41st & Yale, 25 FEB 17 at 0900 (9 AM), and the second is at the NSU Broken Arrow campus, at 1900 (7 PM), 101st & the Creek Turnpike. The turnpike crosses 101st twice; the school is at the eastern crossing. For more sessions, keep an eye on the calendar at: www.weather.gov/tsa/spotter_training

Amateur Radio Operators Needed - Memorial Marathon in Oklahoma City, Sunday 30 APR 2017 Amateur radio operators are needed in all parts of the marathon: at medical stations, water trucks, position vehicles, command post and many more. If a runner or spectator become injured and is in need of emergency medical attention, it could be disastrous trying to call for help on an already overloaded system. Amateur radio would still be reliable for situations like this. To sign up simply go to Oklahoma City Memorial Marathon. To make sure that you are taken to the correct sign up page be sure to use the code: PSC17 If you have any questions please contact Mike Rockey, KE5EQC at gjnmerock1@cox.net.

GETTING RADIO ACTIVE – cont'd**Public Service Communications Training Opportunity – South Tulsa County**

The **Citizen Emergency Response Teams (CERT)** teams in our area will be conducting an exercise on **Saturday April 1** in Jenks. They have a need for up to 6 licensed amateur radio operators. The exercise will include resources from **Jenks, Skiatook, Bixby, and Broken Arrow**. This is a superb opportunity for our ARES members in the area to get some on-air practice.

For more information or to volunteer please contact:

Paul Bisdorf AE5PB@arrl.net -or- Tom Devlin AE5TD@arrl.net

All the best,

Paul H. Teel
Tulsa County Emergency Coordinator
Amateur Radio Emergency Service

918-461-4137 (office)
918-640-6000 (cell)
WB5ANX@arrl.net
aresok.org

CLICK! Recent Photos of TRO Activities

Ben Joplin, WB5VST, discusses updates to APRS for Command Post operations at January 2017 TRO Membership Meeting, Delta Cafe, 41st & Garnett

Ben often uses APRS software and equipment to track resources during public service events for TRO, TARC and other clubs in the area. For the bicycle tours, he tracks the SAG (Support And Gear) vehicles that patrol the routes looking for riders that need assistance. He will also track Safety operators who patrol the route looking for, reporting on, and sometimes mitigating hazards. His use of APRS helps make the management of these resources easier and more efficient.

CLUB MEETINGS

Tulsa Repeater Organization

Fourth Tuesday of the month, except June (Field Day) and December (Christmas) 1900 (7PM)

Ricardo's Mexican Restaurant, Southroads Shopping Center, 41st & Hudson

Schedule for 2017: 28 FEB 28 MAR 25 APR 23 MAY 24 - 25 JUN (ARRL Field Day) 25 JUL 22 AUG 26 SEP 24 OCT 28 NOV 19 DEC (?)

Tulsa Amateur Radio Club

Third Tuesday of the month 1900 (7PM)

Keplinger Hall, TU Campus, 5th & Harvard

Schedule for 2017: 21 MAR 18 APR 16 MAY 20 JUN 18 JUL 15 AUG 19 SEP 17 OCT 21 NOV 19 DEC (?)

Broken Arrow Amateur Radio Club

First Monday of the month (except for holidays) 1900 (7 PM)

Central Park Recreational Center, 1500 S Main, Broken Arrow

Schedule for 2017: 06 MAR 03 APR 01 MAY 05 JUN 03 JUL (tentative due to holiday) 07 AUG 04 SEP 02 OCT 06 NOV 04 DEC [Note: March meeting is Storm Spotter Training at the NSU BA campus, 101st & Creek Turnpike]

American Airlines Amateur Radio Club

Last Saturday of every quarter 0900 (9 AM)

Martin East Regional Library, 26th & Garnett

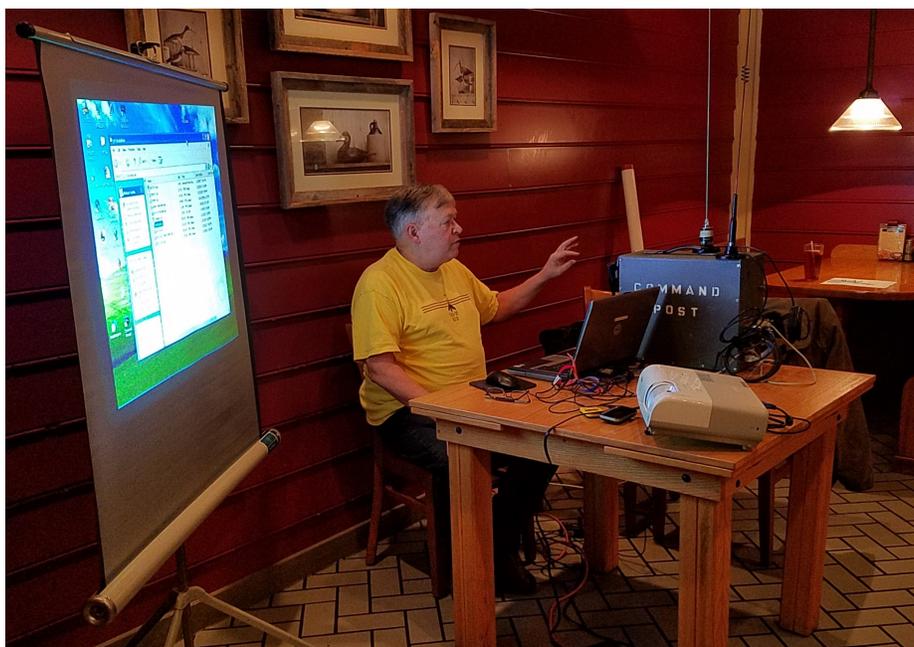
Schedule for 2017: 25 MAR 24 JUN 30 SEP 30 DEC

Rogers County Wireless Association

Second Saturday of every month 0900 (9 AM)

Golden Corral Restaurant, 1405 West Will Rogers Boulevard, Claremore OK

Schedule for 2017: 11 MAR 08 APR 13 MAY 10 JUN 08 JUL 12 AUG 09 SEP 14 OCT 11 NOV 09 DEC



THE BIG PICTURE, cont'd – News from Green Country Hamfest, ARES, Skywarn...**VE Test Sessions***WALK-INS ARE WELCOME AT ALL SESSIONS!***Tulsa Repeater Organization**

Third Thursday of odd-numbered months, 1900 (7 PM)

American Red Cross 10151 E 11th (11th & US 169) Tulsa, Oklahoma 74128

Contact: Merlin Griffin WB5OSM at 918-520-7668 - leave message, or email: WB5OSM@hotmail.com

Schedule for 2017: 16 MAR 18 MAY 20 JUL 21 SEP 16 NOV

Broken Arrow Emergency Management

First Saturday of odd-numbered months - 0930 to 1100 (9:30 to 11 AM)

Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74013

Contact: Skipper Smith, NQ2J at: nq2j@cox.net, or 918-853-8118

Schedule for 2017: 04 MAR 06 MAY 01 JUL 02 SEP 04 NOV

Broken Arrow Amateur Radio Club

Second Saturday of even-numbered months at 0930 (9:30 AM)

Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74013

Contact: Don Doyle AC5II at AC5II@arrl.net or 918-379-0962

Schedule for 2017: 08 APR 10 JUN 12 AUG 14 OCT 09 DEC

Rogers County Wireless Association (New session in Owasso)

First Saturday of each quarter at 0900 (9:00 AM)

Trinity House, 9210 N Garnett, Owasso OK

Contact: Phil Stephens, W5PTT at: W5PTT@cox.net

Schedule for 2017: 01 APR 01 JUL 07 OCT

Tulsa Amateur Radio Club

Third Saturday of every month at 0900

Pentecostals of West Tulsa 2124 W 41st Tulsa OKContact: John Carr, K5TBL at K5TBL@arrl.net or (918) 289-1718

Schedule for 2017: 18 MAR 22 APR 20 MAY 17 JUN 15 JUL 19 AUG 16 SEP 21 OCT 18 NOV 16 DEC

W5YI VEC SESSION

Last Saturday of even-numbered months, 0945 (9:45 AM)

Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74013

Contact: Skipper Smith, NQ2J at: nq2j@cox.net or 918-853-8, or 918-853-8118

Schedule for 2017: 25 FEB 29 APR 24 JUN 26 AUG 28 OCT 30 DEC

**GREEN COUNTRY HAMFEST - SAVE THE DATES!!**

April 7th & 8th. Hours: Fri. 4pm-9pm - Sat. 8am-3pm

Only 30 minutes from Tulsa!

Claremore Expo, 400 Veterans Parkway, Claremore, OK, 74017

GreenCountryHamfest.orgMAP: <https://goo.gl/maps/X9kEa>*(continued on next page)*

THE BIG PICTURE, cont'd – News from Green Country Hamfest, ARES, Skywarn...**GREEN COUNTRY HAMFEST, cont'd**

Talk-in on: 147.09 (+) (PL 88.5) Free Parking!!! - Low Cost ON-SITE RV Parking!

Terrific Prizes!

Fantastic Forums - Learn something new!

Flea Market - Great Bargains! Free Test Table - Check It Before You Buy It!

On-site VE Testing! Get or upgrade your license! Testing sessions on both days! One dualband TYT HT will be given away to an applicant at each test session!

Admission is \$10.00 per person at the door (One ticket covers both days) Children 12 and under are Free!

Flea Market Tables are \$15.00 at the door.

The website is being reworked so that you will be able to reserve specific tables and pay for them all online, and you will be able to see which tables are available and which ones are taken. This isn't on-line yet, but check back often as it should be ready soon. If you want to get your tickets and tables and not wait until the new webpage is ready, you should be able to download a .pdf of the flyer, print it out, and mail it in.

The prize package this year is bigger and better than ever!

Grand Prize: Elecraft K3s transceiver, fully assembled, 100 W 160 - 6 meters. Possibly the best receiver there is. Most serious DXers and contesters consider this their dream rig. This one is a kind of bare bones K3s, but if you win it, then you can afford to buy some of the accessories. Besides, a bare bones K3s beats most other rigs fully decked out.

First Prize: Yaesu FT-DX3000 D, this ain't shabby, which is better the K3 or the 3000 DX? I would probably give the K3 a slight edge, but still I wouldn't complain about having one of these in my shack.

Second Prize: Elecraft KX3, covers all HF bands 10W light weight and very portable, great for camping or field day use. We may even be demoing this one at the show. Has many of the features of the K3s just lower power and smaller foot print for portable operation. Now if they could just make a portable 40 meter Yagi.

Third Prize: Yaesu FT-857D all amateur bands all modes (except Digital Voice)160-70 CM, except perhaps 222 MHz. General Coverage receive. Light weight and small footprint great for portable of mobile operation.

You don't need to be present to win any of these, just purchase a ticket to the Hamfest and make sure it gets in the ticket drum.

Now we will also have an enhanced hourly prize: One of them given away on Friday at 8:00 and one on Saturday at 1:00, you must be present to win: This will be the Yaesu FT-2DR 144/440 MHz System Fusion (FM/C4FM) transceiver.

Hourly drawings: TYT-MD380 70CM DMR HT or TYT dualband (144/440) 10 watt analog FM HT. Winners choice until we have only one kind left.

Then we will have a special drawing for the Hamfest volunteers where we will give away two of the TYT MD380s. If you serve on the committee, if you drive a golf cart, serve as VE, a people greeter, or help out at the back door when people are setting up for the flea market, you would be eligible to participate in the prize drawing. Oh yes, we will be setting up a special even station, showing off the KX-3! No you can't take it home with you, but if you would like to operate as KT5GC for a while you can enter the volunteer's prize drawing too. If you want to get involved in the Green Country Hamfest drop me an email, wb5osm@hotmail.com or wb5osm@sbcglobal.net.

The prize package was made possible by some great deals from a couple of our vendors. Associated Radio from Overland Park KS and Grapevine Amateur Radio of Grapevine TX. Also we've confirmed that D&L Antenna Supply will be there.

Looking for **ARES** help at the Green Country Hamfest door greeters, and at the **ARES** table. We would like to have an **ARES** officer at the table at all times. We also need to set up an amazing **ARES** display to include APRS, and HF communications. If you have equipment that you would like to bring to the table please contact Tom Stroud, KD5POPH, 918..695.3735, or kd5oph@tulsahamradio.org. Thank you for your time support and dedication to **ARES** communications.

HAMFEST CALENDAR

APRIL

HANGING JUDGE HAMFEST SAT 01 APR 17

Columbus Acres
10203 Columbus Acres Road, Fort Smith, AR

www.hangingjudgehamfest.com

GREEN COUNTRY HAMFEST 07 - 08 APR 17

Claremore Expo 400 Veterans Parkway
Claremore OK 74017
Regular planning meetings on the 2nd Thursday
of every month, except summer,
at the Rib Crib, 81st & Yale.
Next meeting will be 09 FEB 17.

greencountryhamfest.org/

OZARK CON 07 - 08 APR 15 (QRP event)

Stone Castle Hotel and Conference Center
3050 Green Mountain Drive, Branson MO

www.ozarkcon.com

MAY

DAYTON HAMVENTION 19 - 21 MAY 17

hamvention.org

JUNE

HAM-COM 09 -10 JUN 15

Irving Convention Center
500 West Las Colinas Blvd, Irving, TX 75039

www.hamcom.org

JULY

HAM HOLIDAY 21- 22 JUL 17

Oklahoma City
Tower Hotel, 3233 Northwest Expressway.
Oklahoma City

hamholiday.com

JULY

2017 Central States VHF Society Conference 27 - 30 JUL 17

Sheraton Albuquerque Airport Hotel

2017.csvhfs.org

AUGUST

Joplin Hamfest 26 AUG 17

John Q. Hammonds Convention Center.
3535 Hammons Blvd, Joplin, MO 64804

joplinhamfest.org

SEPTEMBER

Queen Wilhelmina Hamfest 08 – 09 SEP 17

Queen Wilhelmina State Park
3877 Hwy 88 West, Mena AR

menahamfest.net

OCTOBER

Texhoma Hamarama 27 - 28 OCT 17

Ardmore Convention Center
2401 North Rockford Road

texomahamarama.org

NOVEMBER

Enid Hamfest 04 NOV 17

Hoover Building, Garfield County Fairgrounds
305 E Oxford Ave

enidarc.org/enidhamfest

MAKING CONTACT – How To Find Out More About The Tulsa Repeater Organization

Our Website: www.tulsahamradio.org

Our Facebook: <https://www.facebook.com/groups/TulsaRepeaterOrganization/>

Our Yahoo Group: <https://groups.yahoo.com/neo/groups/WA5LVT/info>

Our Twitter: <https://twitter.com/TulsaRepeaters>

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Want more information about the Tulsa Repeater Organization or have questions about articles in the newsletter? Contact us at email address wa5lvt@tulsahamradio.org or write to:



Tulsa Repeater Organization

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