



THE SIGNAL



Official Newsletter of the
Tulsa Repeater Organization



Vol. 50 Issue 4 April, 2017

“Covering Tulsa through the air”

UP FRONT – A Word from the Editor

Green Country Hamfest 2017 is now in the books, and it was a good one for the TRO! We picked up two new members, two members renewed, and a former member re-joined! We also had some interesting visitors.

This year, I had some elaborate plans for the club's booth, but I decided to simply things. We don't need a very fancy display, just a good-looking one!

I bought a new tablecloth for the PR kit, because the old one wasn't working out as well anymore. It didn't completely fit the 8' tables the Claremore Expo currently has.

In the past, I would take extra brochures and literature racks that I wouldn't use. This year, I determined beforehand which brochures I wanted to display, and packed only those and the appropriate racks. Everything I took for the PR kit, besides the large banner, fit into the orange box. Speaking of the orange box, I put on new stickers showing the TRO logo and web address.

Even though I simplified the basic setup, I also wanted to put up an extra attraction. So, I set up my portable station and antenna mast.

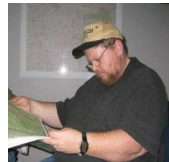
The “heart” of the station is an old 2 meter mobile radio, a 9 Ah gel cell battery, and a power cord, in an old cassette case. After setting it up, I took a magic marker and wrote, “PORTABLE STATION ON THE CHEAP” on a piece of paper, and taped it to the lid of the cassette case. I set up the antenna with only the base, no legs, and one section of the mast. Several people asked about the station, and a couple even said they want to put together a similar setup.

Of course, I couldn't man the booth the entire time the doors were open. Big thanks to Stan Callahan, KA5STN, Ray Young, K5CFY, Ed Compos, K5CRQ, and Paul Young, KE5EHM, for covering the booth while I got something to eat and shopped a bit.

I also made a list of at least 3 dozen TRO members who were there: some were members of the Hamfest Committee, some represented ARES, and some volunteered to help watch the doors. I don't have space to list everyone here, but I appreciate their attendance and contributions to making Green Country Hamfest a rewarding experience for TRO and all attendees!

Our biggest PR opportunity for the year is coming up next month. Camp Bandage, on Saturday, 20 MAY 17 in Broken Arrow at the Chisholm Trail South Park, 101st, east of the Creek Turnpike across from the NSU Campus, is one of the oldest safety, first aid, and emergency and disaster response exhibits. We will be out there with a ham radio display and demonstration. I believe we will have use of the Sub Club's trailer tower, the TRO's Command Post station, and the Ham-Aid HF station, along with Ben Joplin, WB5VST's large mast. We will also have room to display a few storm spotter / chaser vehicles. I am looking at redoing the public information brochures in time to debut them at Camp Bandage.

TRO April 2017 Club Membership Meeting 25 APR 17 1900 (come early to eat) Delta Cafe 41st & Garnett



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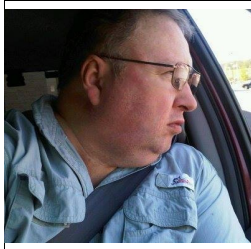
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THE OFFICIAL WORD! - What Our Leaders Have To Say



PREZ SEZ
Mark Conklin
N7XYO

FIELD DAY IS COMING, FILED DAY IS COMING...

But first, I must say thank you for Doug KC5ZQM, Stan KA5STN, Ray K5CFY, Paul KE5EHM and Ed K5CRQ for the outstanding job they did on staffing the TRO table at the Green Country Hamfest – Good Job Guys!

Can you believe it? It’s almost May, which quickly brings us to June and the last full weekend in June which is FIELD DAY WEEKEND. Last

year we did a one day FIELD DAY and picnic all in doors which was cool... get it? Cool as in A/C inside... However, we should could have used more than the handful of folks we had to share the fun with. The more, the merrier, you know!

So as mentioned here in the Signal and in the weekly Bulletin... What do you want to do? Please bring your thoughts and ideas to the next TRO membership meeting.

All of the repeaters are rocking, thanks in no small part to all the hard work and efforts of the Engineering Committee. No texting and driving. Put that phone down and pick up the mic and talk to folks. Heck you don’t even need a reason or a net. It’s ham radio you can do it just for the fun of radio.

I look forward to seeing another full house at the next TRO membership meeting.

73 Mark Conklin N7XYO

FOR THE RECORD – Minutes and other organizational stuff



MEETING NOTES
DOUG LEE,
KC5ZQM

Tulsa Repeater Organization Membership Meeting Minutes MAR 2017

Date 28 MAR 17

Location Delta Cafe, 41st & Garnett, Tulsa OK

Open at 1859 by President Mark Conklin, N7XYO **# Present** 23, 3 visitors

Reading of Minutes: Waived for February membership meeting after vote on motion by Kenneth Baucum, KG5CBM, and second by Paul Young, KE5EHM, to accept as published in the March 2017 issue of The Signal. Also waived for March Executive Committee meeting after vote on motion by Paul, and second by Gary Parham,

KC5ZQP.

Treasury Report: Emailed by Steve Miller, AA5V to the club. Mark N7XYO also passed around hard copies with the proposed budget on back. Kenneth KG5CBM made a motion to accept the budget as presented, second by Stan Callahan, KA5STN, and motion passed. Kenneth also moved to accept the Treasury Report as presented, Doug Lee, KC5ZQM, seconded, and motion passed.

Engineering: No change in repeater status from previous month.

Activities: Kenneth KG5CBM presented information about Golden Driller Marathon on Saturday, 29 APR, on the West Bank trails, starting at 7 AM, so safety meeting will be at 6 AM. Doug KC5ZQM moved for the club to *(continued on next page)*

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

work the event, Paul KE5EHM seconded, and motion passed. Kenneth also discussed Tour de Cure on Saturday, 03 JUN, with all routes beginning and ending at Hillcrest Hospital South, 91st & US 169. The club will provide SAG and safety support, if we accept the event. Paul KE5EHM moved we work the event, Stan KA5STN seconded, and motion passed.

Public Relations: Doug KC5ZQM thanked Tom Stroud, KD5OPH for setting up the Wagoner County Preparedness Expo in Coweta the previous Saturday. It was intended as a PR event, but due to the low turnout caused by the cold weather, it turned into an exercise. Special thanks to Ray Young, K5CFY for bringing out and setting up the Sub Club trailer tower. Thirty hams signed in as visitors or as helpers in the display.

Doug also mentioned he will need some one to take over the club table at Green Country Hamfest on Friday evening and Saturday noon. Paul KE5EHM had already said he would do that, and he had no preference. Doug then asked for a volunteer for Friday, and Ray said he would.

Membership: Tom KD5OPH reiterated Doug's comments about Wagoner County, and thanked all who came out. He also discussed the need for door greeters at Green Country Hamfest.

Operating Standards / By Laws / Trustee: No reports.

Old Business: No old business discussed.

New Business: Club has received a request to link one of our repeaters into the Kansas Intertie system. An email was sent to the club list, with a website link for the system. Mark N7XYO asked people to listen to the system, if they can and then report what they think.

Announcements: Merlin discussed an interview he did for the Explore Oklahoma program that will air on Saturday, 01 APR at 6 PM on Tulsa CW19, or cable channel 12.

End of Business: At 1918 after motion by Steve AA5V and second by Paul KE5EHM

Program: After a break to allow him to set up, Steve Piltz, KA9MLL, Meteorologist In Charge of the Tulsa NWS office did a presentation comparing the 2015 Sand Springs and 2016 North Tulsa tornado, with additional comments about the new GOES-16 weather satellite, and the WX CHAT system.

Tulsa Repeater Organization Executive Committee Meeting APR 2017**1900 25 APR 17****Rib Crib, 81st & Yale**

Officers present were:

President Mark Conklin, N7XYO

Vice President Paul Young, KE5EHM

Secretary / Public Relations Chair Doug Lee, KC5ZQM

Treasurer Steve Miller, AA5V

Operating Standards Chair Ed Compos, K5CRQ

Membership Chair Tom Stroud, KD5OPH

APRS Engineer Ben Joplin, WB5VST

(continued on next page)

FOR THE RECORD cont'd– Minutes and other organizational stuff**Tulsa Repeater Organization Executive Committee Meeting APR 2017 – cont'd**

Open by President Mark Conklin, N7XYO at 1900

Reading of minutes: Waived for March 2017 Membership Meeting after vote on motion by Vice President Paul Young, KE5EHM, and second by Operating Standards Chair Ed Compos, K5CRQ. Also waived for March 2017 Executive Committee Meeting after vote on motion by APRS Engineer Ben Joplin, WB5VST, and second by Paul KE5EHM.

Treasury report: Read by Treasurer Steve Miller, AA5V, with details added by Secretary Doug Lee, KC5ZQM about those that renewed, joined or re-joined at Green Country Hamfest. We had 3 renewals, two new members, and one re-joined. Accepted after motion by Doug KC5ZQM, and second by Ben WB5VST.

Engineering: Chair Joe Gorkos, N5TEX not present. Mark N7XYO reported that all repeater systems appear to be okay.

Activities: Chair Kenneth Baucum, KG5CBM, was not present, so the Committee reviewed what was known. The Golden Driller Marathon will be on the 29th of this month. Next event will be Camp Bandage on Saturday 20 MAY, and PR Chair Doug Lee, KC5ZQM will be in charge of that. Tour de Cure follows on Saturday 03 JUN.

Mark N7XYO, then asked for suggestions on Field Day, 24 & 25 JUN, as to where: Indoor, outdoor, in Tulsa, or some other town. We need to get details nailed down soon. Mark mentioned that he can guarantee that we can get back into the Okmulgee EOC. Doug KC5ZQM will ask for suggestions from the members through the Bulletin, The Signal, Facebook and Twitter, and Steve AA5V will do the same on the website and through an email blast.

Public Relations, Operating Standards, Membership, By Laws: No additional reports.

Old, Unfinished, Ongoing Business: Meeting location – we will continue to meet at Delta Cafe, but we need to make sure that any program presenters have everything they need. Doug KC5ZQM will again ask for location suggestions in the Bulletin and The Signal. Program ideas discussed included new member Scott Borgioli, KE6ITF discussing weather patterns, scanners, batteries, and cheap APRS.

New Business: None presented.

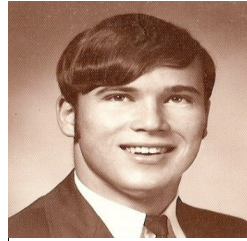
Close at: 2004 after vote on motion by Steve AA5V, and second by Ben WB5VST.



Steve Piltz, KA9MLL, discusses severe wx forecasts and the WX CHAT system at the March 2017 TRO Membership Meeting

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

Treasurer`s Report of April 16, 2017



**TREASURY REPORT –
STEVE MILLER, AA5V**

Total TRO Accounts Beginning Balances	\$6024.43
Checking Beginning Balance	\$3572.54
04/07 3248 Doug Lee-KC5ZQM PR Supplies	-\$57.82
04/11 Deposit 3 family 18 regular 25 donation	+\$561.00
-4.00 moved to cash	
04/11 3249 Ben Joplin – WB5VST Reimburse for	-99.99
Leixen VY898S Dual Band 25W mobile for	
activities control station.	
Checking Balance	\$3975.73
PayPal Beginning Balance	\$456.22
PayPal Ending Balance	\$456.22
Cash	\$71.00
04/08/17	+\$4.00
Balance	\$75.00
Savings Beginning Balance	\$1924.67
03/31 Interest	+0.24
Ending Savings Account Balance	\$1924.91
Total TRO Account Balances	\$6431.86

NEW MEMBERS
 William Wheeler, KG5SJJN
 Scott Borgioli, KE6ITF
 David Williams, AJ5W
*Welcome to the TRO and
 thank you for joining!*

GETTING TECHNICAL – Engineering Report, Repeater Status

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 - Activities Report, Event Schedules



ACTIVITIES REPORT
Kenneth Baucum, KG5CBM

Hello Tulsa area radio lovers!

We have several things coming up in the near-ish future -- most importantly at the moment is...

Update for Golden Driller Marathon on 4/29/2017 at 0600:

This is a BYOM event -- Bring Your Own Map. Can be electronic or paper, but please be familiar with the overall layout of the full and half marathons, and if I can provide maps, I will, but let's be sure each person is ready by reviewing them in advance.

www.fleetfeettulsa.com/races/2017-golden-driller-marathon

This is also a BYOP&P event -- Bring Your Own Pen/pencil and Paper. We'll want to keep an eye out for (and track) who we believe the last runner/participant is for each event. Keen eyes at the start/finish will be most helpful in getting the bib number ASAP, then the rest of the operators can call them out from each aid station.

We'll plan to use 146.88 Put all three PLs in, so you're ready in case you have trouble accessing the system.

Rally point is at River West Festival Park 0600 SHARP (look for my yellow truck/mast)

We'll assign positions ASAP upon your arrival so we can get you right back out on the road heading to your places. If you have trouble getting to my location that morning, you may radio in (after 0600) to check in and get assigned, but bring a map so you can find your spot!

Questions? Send them to kg5cbm@tulsahamradio.org

Thank you all once again for your participation and contribution to making these events around Tulsa safer for all! I'll provide detail on our website and Facebook page for other events as information becomes available. See you out there and on the air!

TRO EVENTS

PUBLIC SERVICE

(All events tentative until approved)

Golden Driller Marathon

Saturday, 29 APR 17, River Parks Trails

Maple Ridge Memorial Day Run

Monday, 29 MAY 17, Maple Ridge Neighborhood

Tour de Cure

Saturday, 03 JUN 17, Hillcrest Hospital South, 91st & US 169

PUBLIC RELATIONS

Camp Bandage

Saturday, 20 MAY 17, Chisholm Trail South Park, 101st (New Orleans) east of the Creek Turnpike across from the NSU Broken Arrow Campus

TARC PUBLIC SERVICE EVENTS

Tour de Tulsa

Saturday, 06 MAY 17
OSU Health Sciences Center
17th & Jackson

Tulsa Tough

Saturday & Sunday
10 & 11 JUN 17
Rally locations change from Saturday to Sunday



**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.

THE BIG PICTURE – News from Green Country Hamfest, ARES, Skywarn...

Green Country Hamfest 2017 VE Testing

Right now, I can give a report, at least for the Saturday afternoon session.



Daniel Amman	Broken Arrow OK	new Tech
Michael Tanner	Mannford OK	new Tech
Blake Harris	Council Hill OK	new Tech
Dylan Harris	Council Hill OK	new Tech
Jeffery Vignapiano KD0NWI	Sedan, KS	upgrade to General
Todd Prior	Summerdale, AL	new Tech (yes, he came from Alabama!)
Gregory Adams	Pryor, OK	new Tech
Ronald Harnage	Muskogee OK	new Tech
Ron Grammar	Coweta OK	new Tech
Jared Chapa	Broken Arrow OK	new Tech
Gregory Long	Vinita OK	new Tech

All in all, 16 candidates served, one was a retake and passed the tech exam on the second try. The VE Team was: Skipper Smith NQ2J, Don Miller, KG5NNO, Steve Gassaway, KC5SQN, Dr. Ron Fetters, AJ4YK, Jennifer Moody, AK4UN, Lexie Skelton was a non-VE helper. I, Merlin Griffin WB5OSM was the team leader.

CLUB MEETINGS

Tulsa Repeater Organization

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

Delta Cafe, 41st & Garnett

Schedule for 2017: 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: 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: 01 MAY 05 JUN 03 JUL (tentative due to holiday) 07 AUG 04 SEP 02 OCT 06 NOV 04 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: 13 MAY 10 JUN 08 JUL 12 AUG 09 SEP 14 OCT 11 NOV 09 DEC

TRO April 2017 Club Membership Meeting

25 APR 17 1900 (come early to eat)

Delta Cafe 41st & Garnett

Program: Luis Garcia, KG5MYP, Inexpensive APRS Beacon

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: 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: 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: 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: 29 APR 24 JUN 26 AUG 28 OCT 30 DEC

**ARES-Oklahoma WEB Developer Help**

ARES-Oklahoma is looking for some WEB Development help. We have a bit of updating and changes that need to be made to www.ARESOK.org. The page is migrating from ASP to PHP and we also need to keep in mind for the future that more and more functionality needs to also be mobile. Our current webmaster has done a fantastic job, however family and employment are demanding more of his time... so we're needing some help. If you have experience with ASP (current) and PHP (future) and are willing to volunteer your time and talent please contact our ARES-OK Webmaster Roland KC5UNL via email rstolfa@yahoo.com or myself. Thank you & 73, Mark Conklin, N7XYO, 918.232.8346, or n7xyo@arrl.net.

THE BIG PICTURE, cont'd – News from Green Country Hamfest, ARES, Skywarn...**HAMFEST CALENDAR****APRIL****HANGING JUDGE HAMFEST SAT 07 APR 18**

Columbus Acres
10203 Columbus Acres Road, Fort Smith, AR

www.hangingjudgehamfest.com

GREEN COUNTRY HAMFEST 13 - 14 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 13 - 14 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 17**

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>

TRO OFFICER CONTACT INFORMATION

President	Mark Conklin	N7XY)	918.232.8346	n7xyo@arrl.net
Vice-President	Paul Young	KE5EHM	918.637.8414	ke5ehm@tulsahamradio.org
Secretary	Doug Lee	KC5ZQM	918.805.0337	kc5zqm@gmail.com
Treasurer	Steve Miller	AA5V	918.381.8574	aa5v@tulsahamradio.org
Trustee	Merlin Griffin	WB5OSM	918.520.7668	wb5osm@tulsahamradio.org
Activities	Kenneth Baucum	KG5CBM	918.271.1435	kg5cbm@gmail.com
By-Laws	Gary Parham	KC5ZQP	918.369.1065	kc5zqp@aol.com
Engineering	Joe Gorkos	N5TEX	918.230.8243	n5tex@tulsahamradio.org
Membership	Tom Stroud	KD5OPH	918.695.3735	kd5oph@tulsahamradio.org
Operating Standards	Ed Compos	K5CRQ	918.231.7730	k5crq@cox.net
Past President	Stan Callahan	KA5STN	918.350.4846	stanley_callahan@yahoo.com
Public Relations	Doug Lee	KC5ZQM	918.805.0337	kc5zqm@gmail.com

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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