



# THE SIGNAL



Official Newsletter of the  
Tulsa Repeater Organization



Vol. 49 Issue 7 September 2016

“Covering Tulsa through the air”.

## UP FRONT – A Word from the Editor

Club activities start to wind down this time of year, but club business continues.

First of all, we are still looking for a new meeting place. Last month we tried out the Mazzio's at The Farm Shopping Center, 51st & Sheridan, and we will be back there this month. We also started the Bring-A-Friend Contest that night. The new location does not have to be an eatin' place, and if not, it should be close to at least one good restaurant. For a restaurant to work, it must have a separate room that isolates us from the noise of other customers, is centrally located in Tulsa, and should be able to handle 2 to 3 dozen people. If anyone knows of a suitable location, please contact me or any TRO officer with details

We also need a good turnout for this month's meeting because we have an item that requires a quorum of the membership. Want to know what it is? Then show up! BTW, how long has it been since YOU attended a TRO meeting?

I had considered not publishing a November issue, but someone reminded me that we often waive the reading of the minutes because they are included in The Signal. So, I will continue to put out monthly issues, even if they are mostly minutes of the membership and officers' meetings.

Beyond that, we have other ways of getting the information out. So, starting this month I will post or distribute summaries of the minutes through the WA5LVT Yahoo group, and on Facebook. Full minutes will only be posted here in The Signal.

Don't forget the Bring-A-Friend Contest! Last month, someone brought a friend who is a potential ham and he would be a tremendous asset to the club. Who can you bring?



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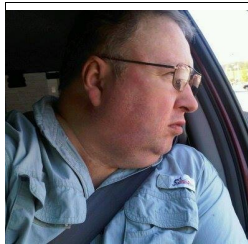
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## THE OFFICIAL WORD! - What Our Leaders Have To Say

Well the buzz from members is that they enjoyed having the membership meeting at Mazzio's last month. We had a good crowd and several visitors – it was good to see everyone. So we'll follow the suggestion and again this month meeting we'll meet at the **Mazzios**, at the Farm Shopping Center, 5321 S. Sheridan Rd, Suite #27, Tulsa.



**PREZ SEZ**

**Mark Conklin  
N7XYO**

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<b>THE OFFICIAL WORD! - What Our Leaders Have To Say</b>
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**Prez Sez - cont'd**

TRO is still seeking spots to test drive as a possible new TRO meeting location. If you know of a place with a separate meeting space, open to at least 9pm, and has seating for 20 to 30; please pass the suggestion onto your VP Paul Young KE5EHM 918-637-8414 or [ke5ehm@TulsaHamRadio.com](mailto:ke5ehm@TulsaHamRadio.com).

Christmas meeting questions – Do you want to hold the TRO meeting on the fourth Tuesday in December which is the 27<sup>th</sup> or move the meeting a week earlier to the 20<sup>th</sup>? For our meeting do we suspend business? Give away a door prize? Dirty Santa exchange? What would y'all like to do? Come share your thoughts at the next club meeting.

All of the clubs repeaters are working really well, thanks in no small part due the good works of the TRO's Engineering Committee. More information about the club's repeaters can be found at the top of the main page or our website [TulsaHamRadio.org](http://TulsaHamRadio.org). Click on the frequencies listed on the top of the page to see photos and other interesting facts and info about each repeater site.

Did you know? Several of the repairs and improvements have been due to the suggestions/feedback from our members. If you have ideas for improvements or repairs to any of our machines please send those thoughts to TRO's Engineering Committee Chairman Joe Gorkos via [N5TEX@tulsahamradio.org](mailto:N5TEX@tulsahamradio.org).

The TRO Bring-A-Friend Contest is off to a good start, as noted above we have several visitors to last month's meeting. Having a full house and sharing with friends sure makes the meeting fun. So I hope to see you and a friend at the next TRO club meeting.

**What's the TRO's Bring-a-Friend Contest? Simple and Easy...**

Get credit for Bringing-a-Friend to TRO membership meetings.

The contest period is Sept, Oct, Nov & Dec 2016 meetings....

Prize will be awarded at Dec. Meeting.

Bring-a-Friend - Sign in with your friend.

Sign in sheet will be the tally/record for the contest.

Friends should be hams (or soon to test) and potential members.

\* The TRO Member that brings the most Friends to the meetings (for all 4 meetings) wins the entire prize package listed below.

**\*\* Prize Package: \*\***

Yaesu FT-60R VHF/UHF Dual Band Hand Held Transceiver,  
an improved whip Antenna, plus a Yaesu Speaker Mic.

See you at the meeting and as always thanks for being a member of the Tulsa Repeater Organization.

73 Mark Conklin N7XYO

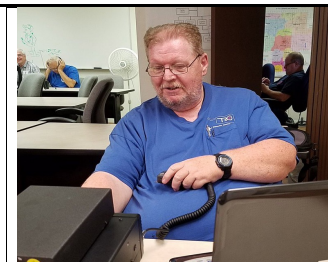
## FOR THE RECORD – Minutes and other organizational stuff

### Tulsa Repeater Organization SEP 2016 Membership Meeting Minutes

**Date** 27 SEP 16 **Location** Mazzio's at The Farm Shopping Center, 51 & Sheridan

**Open:** 1901 with introductions **# Present:** 22, 3 visitors, 1 was member's friend

**Reading of Minutes:** Motion by Stan Callahan, KA5STN, to waive the reading of minutes that were published in The Signal. Tom Shaw, K5OVT, moved to accept the summary of the September Executive Committee meeting; Steve Miller, AA5V seconded, motion passed.



**MEETING NOTES**  
**DOUG LEE, KC5ZQM**

**Treasury Report:** Read by Steve AA5V. Motion to accept by Doug Lee, KC5ZQM; second by Stan KA5STN; motion passed.

**Engineering:** Chair Joe Gorkos, N5TEX had not arrived yet, so Bob Buford, W5RAB reported on the transmit antenna installation for 146.88 at CityPlex. Damage to old antenna could have been caused by installation of new AC unit. Mount was straightened and strengthened. Merlin Griffin, WB5OSM, added that the Internet interface is still in the works. Bob added that he fixed the built-in power supply on the 444.725 Skiatook repeater by replacing a diode.

**Activities:** Chair Kenneth Baucum, KG5CBM, was not present, so Ben Joplin filled in.

Application from the Route 66 Marathon has come in, requesting we do the same as last year with the weather condition flags at the rest stops. They have their own radio system for comms with the rest stops. Tom K5OVT moved to pass on this event; Stan KA5STN seconded; motion passed.

Ben WB5VST also discussed the application from the Veterans Challenge bike tour. Route runs from Broken Arrow to Muskogee and back. Ben was going to take the lead on this, but he will be going through surgery the week before. No one else was available to take over, and with the short notice, recruiting volunteers would be very difficult. Tom K5OVT moved to pass on this event; Bart Pickens, N5TWB, seconded and motion passed.

**Public Relations:** Chair Doug Lee, KC5ZQM said nothing to report until Green Country Hamfest.

**Membership :** Stan KA5STN brought a friend for the Bring-A-Friend Contest; Bernie Piel, a recently retired attorney who has wanted to become a ham for a long time, but never had time. Steve Murtha, KA5MOD, added that CERT in Jenks has produced two new hams and put in a plug for the program.

**Operating Standards:** Chair Ed Compos, K5CRQ, was not present, so no report.

**By Laws:** Chair Gary Parham, KC5ZQP, was not present, so no report.

**Trustee:** Merlin WB5OSM had nothing to report.

**Old Business:** Membership Chair Tom Stroud reported the antenna in the Bring-A-Friend Contest prize package is a Comet.

We still need ideas for programs or special activities . Send them to Vice President Paul Young, KE5EHM.

Doug KC5ZQM mentioned that we might coordinate with Broken Arrow EOC on the Super Ham Cram.

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

**Tulsa Repeater Organization SEP 2016 Membership Meeting Minutes - cont'd**

**New Business:** None.

**Announcements:** None.

**End of Business:** Motion by Bob W5RAB, second by Bart N5TWB, passed at 1948.

**Program:** None.

**Tulsa Repeater Organization Executive Committee Meeting Minutes 11 OCT 16 1900 Rib Crib, 81<sup>st</sup> & Yale**

Officers present were:

President Mark Conklin, N7XYO

Secretary / Public Relations Chair Doug Lee, KC5ZQM

Treasurer Steve Miller, AA5V

Engineering Chair Joe Gorkos, N5TEX

Activities Chair Kenneth Baucum, KG5CBM

Operating Standards Chair Ed Compos, K5CRQ

Membership Chair Tom Stroud, KD5OPH

Open by Mark Conklin, N7XYO at 1902

Reading of minutes: Waived for September membership meeting on by vote on motion by Steve Miller, AA5V, and second by Ed Compos, K5CRQ. Waived for September Executive Committee meeting by vote on motion by Joe, N5TEX, and second by Tom Stroud, KD5OPH.

Treasury report: Steve AA5V reported only two changes from previous statement: \$400.00 payout to Bob Buford, W5RAB for antenna for 146.88 transmit at CityPlex, and \$0.24 interest. Accepted by vote on motion by Joe N5TEX, and second by Ed K5CRQ.

Engineering: Chairman Joe N5TEX commented on a Facebook post about a buzz on an unspecified repeater with the WA5LVT callsign. He also mentioned reimbursing Bob W5RAB for diodes used to repair the 444.725 Skiatook repeater.

Activities: Chairman Kenneth Baucum, KG5CBM had nothing to report. Tom KD5OPH mentioned that Route 66 Marathon has reassigned the duty of changing flags to the rest stop captains. The flags indicate weather conditions to the runners.

Public Relations: Chairman Doug Lee, KC5ZQM had nothing solid to report, but he has ideas in mind for Green Country Hamfest next April. He was also considering not publishing an issue of The Signal in November, but discussion led him to plan on an abbreviated issue so the minutes can be published for the members to read.

Membership: Chairman Tom KD5OPH thought that three guests had been brought by members, but two of the  
*(continued on next page)*

<b>FOR THE RECORD cont'd– Minutes and other organizational stuff</b>
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**Tulsa Repeater Organization Executive Committee Meeting Minutes OCT 2016 - cont'd**

guests had come on their own. The remaining guest was invited by Stan Callahan, KA5STN, so he currently leads in the Birng-A-Friend Contest by one point.

Operating Standards: No report.

By Laws: No report.

Old, Unfinished, Ongoing Business: Meeting locations – Mark N7XYO asked if anyone has investigated Oklahoma Joe's or the Buffet Palace (in the old Ryan's Steakhouse location near 21<sup>st</sup> and Garnett). Doug KC5ZQM reported that he had been to the Buffet Palace, which is now a Chinese buffet. The food was good, and it appears they have a regular salad bar, and the old meeting rooms may be intact.

Program ideas – Ed K5CRQ reported that TEAMA personnel are too busy right now to put on a program, but we will try to have them before storm season next spring. Ben Joplin, WB5VST may still be willing to present an update on APRS after he recovers from surgery. Vice President Paul Young, KE5EHM had mentioned at the last membership meeting that he had been in contact with Scott Haley, KD5NJR, about a program on digital modes, but nothing more has been heard.

Memorandum of Understanding – Mark N7XYO reviewed the document he had distributed to the Committee earlier, and Doug KC5ZQM then presented and discussed an alternative document that he had prepared. He will continue to work on the document as a template for future situations where we allow other clubs or individuals to place equipment at our repeater sites.

New Business: Doug KC5ZQM proposed an Honorary Life Membership for Ben Joplin, WB5VST in recognition of what he has done for the club and amateur radio in general in the Tulsa area over the years. Steve AA5V moved to recommend this to the members, because the By-Laws call for a vote of a quorum of the club membership. Mark N7XYO seconded, motion carried. Doug will prepare the official recommendation.

Close at 2007 after approval of motion to dismiss by Kenneth KG5CBM and second by Ed K5CRQ.

**TRO BRING-A-FRIEND CONTEST**

**WHEN:** September, October, November and December 2016 meetings, 1900 hrs, 4<sup>th</sup> Tuesday (possible exception for December)

**WHERE:** September meeting at Mazzio's in The Farm Shopping Center, 51<sup>st</sup> & Sheridan.

**HOW:** Show up with a friend, sign in, and make sure friend signs in. Club Secretary will track the numbers from the sign-in sheets.

**WHAT** (you could win): Yaesu FT-60R dualband FM handheld transceiver, with matching Yaesu speaker mic, and aftermarket antenna.

**WHO:** Any TRO member in good standing with the club is eligible. Friends should be hams, soon-to-be hams, and potential club members.

**WHY:** To increase attendance at meetings, recruit new members, increase support for the club and its activities, and because it's fun!



**GETTING TECHNICAL – Engineering Report, Repeater Status**

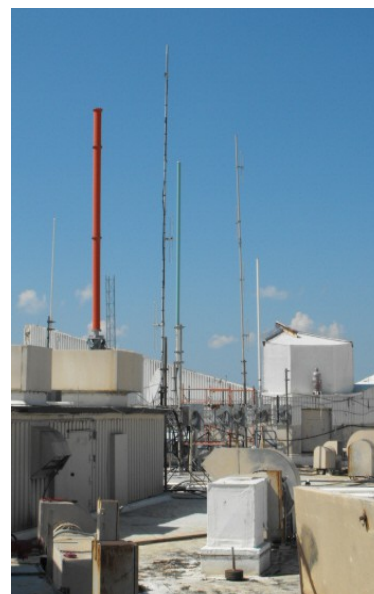


**ENGINEERING REPORT – Joe Gorkos, N5TEX**

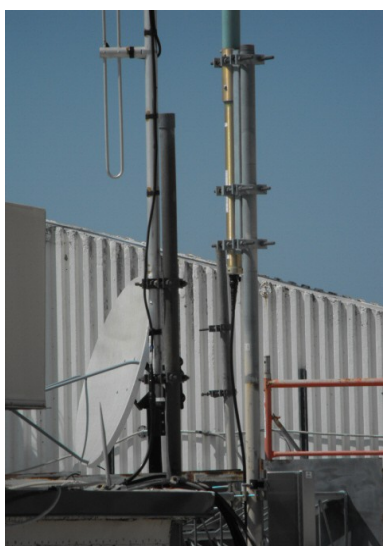
Except for installing Internet access for remote control of 146.88, all repeater work is done, and we currently have not planned any new projects. Here are some photos of the new transmit antenna for .88 at Cityplex:



**View from the North**



**View from Northeast**



**Bottom Mount**



**Joe N5TEX Put on His Sunday Best for This Job**

**REPEATER STATUS**

- 146.805 (-) PL 88.5 71<sup>st</sup> & Yale - Working
- 148.880 (-) PL 88.5 (CityPlex), 82.5 (Skiatook) or 141.3(Keatonville receiver) 81<sup>st</sup> & Lewis - Working
- 146.940 (-) PL 88.5 Sun Building, 9<sup>th</sup> & Detroit - Working
- 444.1 (+) PL 88.5 Skyline East 41<sup>st</sup> & Skelly Drive - Working
- 442.725 (+) PL 88.5 Water tower NW of Skiatook - Working
- 444.950 (+) PL88.5 Lookout Mountain - Working

**TRO October Meeting**

**Tuesday 25 OCT 16  
1900 (7 PM)**

**Mazzio's at The Farm Shopping Center  
51<sup>st</sup> & Sheridan**

**Bring-A-Friend Contest**

**September, October, November, and December 2016**

**Bring friends and win a prize!**

**GETTING RADIO ACTIVE - Activities Report, Schedule of TRO Events**

**TRO EVENTS**

**PUBLIC SERVICE**

No events scheduled until Spring

**PUBLIC RELATIONS**

No events scheduled until Green Country Hamfest

**TARC EVENTS**

**PUBLIC SERVICE**

Sand Springs Christmas Parade  
Friday, 02 DEC 16

ABATE Toys for Tots Toy Run  
Sunday, 11 DEC 16

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

**CLUB MEETINGS**

**Tulsa Repeater Organization**

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

The Brook, 34 & Peoria (until further notice)

Schedule for 2016: 25 OCT 22 NOV 20 DEC (?) (Christmas Party)

**Tulsa Amateur Radio Club**

Third Tuesday of the month 1900 (7PM)

Keplinger Hall, TU Campus, 5<sup>th</sup> & Harvard

Schedule for 2016: 15 NOV 20 DEC

**Broken Arrow Amateur Radio Club**

First Monday of the month (except for holidays) 1900 Central Park Recreational Center, 1500 S Main, Broken Arrow

Schedule for 2016: 07 NOV 05 DEC (tentative due to holiday)

**American Airlines Amateur Radio Club**

Last Saturday of every quarter 0900 (AM)

Martin East Regional Library

26<sup>th</sup> & Garnett

Schedule for 2016: 29 OCT 31 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 2016: 08 OCT 12 NOV 10 DEC

**HAMFEST SCHEDULE**

**GREEN COUNTRY HAMFEST 07 - 08 APR 17**

Claremore Expo 400 Veterans Parkway,  
Claremore OK 74017

Regular planning meetings are the 2nd Thursday of every month, except summer, at the Rib Crib, 81st & Yale. Next meeting will be 08 SEP 16.

[greencountryhamfest.org/](http://greencountryhamfest.org/)

**Enid Hamfest 05 NOV 16**

Hoover Building, Garfield County Fairgrounds, 305 E Oxford Ave  
Enid OK

[www.enidarc.org/enidhamfest](http://www.enidarc.org/enidhamfest)

<b>THE BIG PICTURE – News from Green Country Hamfest, ARES, Skywarn...</b>
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### SAVE THE DATES!!

2017 Green Country Hamfest - April 7th & 8th.

Only 30 minutes from Tulsa! Claremore Expo, 400 Veterans Parkway, Claremore, OK, 74017

MAP: <https://goo.gl/maps/X9kEa>

Talk-in on: 147.09+ 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!

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

Hours: Fri. 4pm-9pm - Sat. 8am-3pm

More info at: [greencountryhamfest.org](http://greencountryhamfest.org)



### MARS / Amateur Radio Interoperability Exercise

From 30 OCT through 01 NOV, members of the Military Auxiliary Radio System will conduct a quarterly Dept. of Defense Contingency Communications exercise. The purpose of this exercise is train on our ability to provide communications following a “very bad day” scenario when traditional forms of communications will likely be unavailable. While the simultaneous loss of all communications nationwide is not likely, for training purposes, we are assuming there has been a massive nationwide outage.

One of the objectives of this exercise is to continue the partnership with the amateur radio community to help. During this exercise, we will use 60 meters, local VHF and UHF repeaters as well as HF NVIS amateur radio bands. Our goal is to have a conversation about the local conditions in and around your county. During the conversation, our operators will be asking basic questions such as the status of commercial power, public water systems, and road conditions. These will be person to person conversations - you don't need to use any digital modes or know any special messaging formats.

To kick off this exercise, we are encouraging the amateur radio community to monitor 5330.5 Khz from 0300-0400 Hrs Zulu on 31 OCT. During this hour, we will be doing a high power voice broadcast from a military station on the east coast and alternate with a voice broadcast from the west coast. Amateur radio operators are encouraged to submit a reception report as indicated in the voice broadcast.

For the remainder of the exercise, MARS personnel will be calling for amateur radio operators on the 60 meter channels as well as using already established amateur radio nets on HF NVIS and VHF/UHF repeaters.



**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](mailto:WB5OSM@hotmail.com)  
Schedule for 2016: 17 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](mailto:nq2j@cox.net) , or 918-853-8118  
Schedule for 2016: 05 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](mailto:AC5II@arrl.net) or 918-379-0962  
Schedule for 2016: 13 AUG 10 DEC

**Rogers County Wireless Association** (New session in Owasso)

First Saturday of each quarter at 0900 (9:00 AM)  
Bethel Baptist Church 10705 E 86<sup>th</sup> St N, Room136 (133 overflow) Owasso, OK  
Enter at east doors from parking lot  
Contact: Phil Stephens, W5PTT at: [W5PTT@cox.net](mailto:W5PTT@cox.net)  
Schedule for 2017: 07 JAN 01 APR 01 JUL 07 OCT

**Tulsa Amateur Radio Club**

Third Saturday of every month at 0900  
Pentecostals of West Tulsa 2124 W 41<sup>st</sup> Tulsa OK  
Contact: John Carr, K5TBL at [K5TBL@arrl.net](mailto:K5TBL@arrl.net) or (918) 289-1718  
Schedule for 2016: 19 NOV 17 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](mailto:nq2j@cox.net) or 918-853-8, or 918-853-8118  
Schedule for 2016: 29 OCT 31 DEC

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

**Our Website:** [www.tulsahamrdio.org](http://www.tulsahamrdio.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	<a href="mailto:n7xyo@arrl.net">n7xyo@arrl.net</a>
Vice-President	Paul Young	KE5EHM	918.637.8414	<a href="mailto:ke5ehm@tulsahamradio.org">ke5ehm@tulsahamradio.org</a>
Secretary	Doug Lee	KC5ZQM	918.805.0337	<a href="mailto:kc5zqm@gmail.com">kc5zqm@gmail.com</a>
Treasurer	Steve Miller	AA5V	918.381.8574	<a href="mailto:aa5v@tulsahamradio.org">aa5v@tulsahamradio.org</a>
Trustee	Merlin Griffin	WB5OSM	918.520.7668	<a href="mailto:wb5osm@tulsahamradio.org">wb5osm@tulsahamradio.org</a>
Activities	Kenneth Baucum	KG5CBM	918..271.1435	<a href="mailto:kg5cbm@gmail.com">kg5cbm@gmail.com</a>
By-Laws	Gary Parham	KC5ZQP	918.369.1065	<a href="mailto:kc5zqp@aol.com">kc5zqp@aol.com</a>
Engineering	Joe Gorkos	N5TEX	918.230.8243	<a href="mailto:n5tex@tulsahamradio.org">n5tex@tulsahamradio.org</a>
Membership	Tom Stroud	KD5OPH	918..695.3735	<a href="mailto:kd5oph@tulsahamradio.org">kd5oph@tulsahamradio.org</a>
Operating Standards	Ed Compos	K5CRQ	918.231.7730	<a href="mailto:k5crq@cox.net">k5crq@cox.net</a>
Past President	Stan Callahan	KE5HPB	918.381.9990	<a href="mailto:stanley_callahan@yahoo.com">stanley_callahan@yahoo.com</a>
Public Relations	Doug Lee	KC5ZQM	918.805.0337	<a href="mailto:kc5zqm@gmail.com">kc5zqm@gmail.com</a>

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



**Tulsa Repeater Organization**

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