



# THE SIGNAL



Official Newsletter of the  
Tulsa Repeater Organization



Vol. 49 Issue 9 December 2016

“Covering Tulsa through the air”.

## UP FRONT – A Word from the Editor

TRO HAS FOUND A New Meeting Place!

Thanks to a suggestion from Stan Callahan, KA5STN, and some recon work by Ed Compos, K5CRQ, the TRO has booked the meeting space in the Delta Café, 11101 E 41st St (41st & Garnett) for the Christmas/Holiday Meeting on Tuesday, December 20<sup>th</sup> and for the regular membership meeting Tuesday, January 24, 2017.

Instead of door prizes, we are having a variation of the Dirty Santa Gift Exchange. Normally, you would buy a cheap gift, say \$10 to \$15 dollars. But this time, we are asking members to bring an item from their own junk boxes! We heard another club had a lot of fun with this, and some people have wound up with something nice.

Don't forget the Bring-A-Friend Contest! This meeting is your last chance to get in on the action! We now have a tie, with two members who have brought two friends apiece. We might have to hold a drawing to break the tie if someone doesn't bring another friend. Who can you bring?

Usually around this time, the news media will do Year In Review reports. 2016 has definitely been a year of changes for the TRO.

First was a change that could have happened. We considered a merger, but the members have spoken that they wish to see TRO continue as a separate entity.

The Maple Ridge Run is the public service event that TRO has supported the longest, I believe, from 1998 at least. Because of construction, the organizers had to move the route to the northern section of the Maple Ridge Neighborhood. The new route was more compact, making comms easier.

We also tried out a new location for Field Day – the Okmulgee County Emergency Operations Center. While the air conditioning made operating nice, some still had to get outside to set up antennas. Our Fearless Leader, Mark Conklin, N7XYO, proved to be an excellent infrared operator, producing some delicious burgers and franks. Others brought homemade goodies, including some make-ya-wanna-slap-ya-mama brownies, and some yummy potato salad! I'm already inclined to vote that we go back there next year!

Of course, I've already noted the new meeting location. We needed to find one because Tally's did some remodeling that made their meeting room unusable for our purposes. While we enjoyed our time at Tally's, we must have an environment where the members can hear the officer's reports and program speakers.

Sadly, the club no longer supports Bike MS Oklahoma and the Route 66 Marathon.



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**TRO December 2016 Club Membership Meeting**  
**20 DEC 16 1900**  
**(come early to eat)**  
**Delta Cafe**  
**41<sup>st</sup> & Garnett**

<b>FOR THE RECORD – Minutes and other organizational stuff</b>
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**MEETING NOTES**  
**DOUG LEE, KC5ZQM**

**Tulsa Repeater Organization DEC 2016 Executive Committee Meeting**  
**Rib Crib, 81<sup>st</sup> & Yale** **13DEC16**

**Officers present were:**

President Mark Conklin, N7XYO  
 Secretary / Public Relations Chair Doug Lee, KC5ZQM  
 Treasurer Steve Miller, AA5V  
 Trustee Merlin Griffin, WB5OSM  
 Engineering Chair Joe Gorkos, N5TE  
 Activities Chair Kenneth Baucum, KG5CBM  
 Operating Standards Chair Ed Compos, K5CRQ  
 APRS Engineer Ben Joplin, WB5VST

**Open** by President Mark Conklin, N7XYO at 1914

**Reading of minutes:** Steve Miller, AA5V, had one change, concerning the 444.950 repeater, to the Engineering report in the November membership meeting minutes. After Secretary Doug Lee, KC5ZQM noted the change, Steve then moved to accept the minutes as emailed to the Committee, Merlin Griffin, WB5VST, seconded, and motion passed.

**Treasury report:** Treasurer Steve Miller, AA5V, reported no changes yet, but he needs to reimburse himself for expenses relating to the Christmas Party. Doug KC5ZQM moved to accept the report, Kenneth Baucum, KG5CBM, seconded, and motion passed.

**Engineering:** Chairman Joe Gorkos, N5TEX, discussed the replacement of the power supply for the 927.700 MHz repeater at CityPlex.

Discussion then shifted to the 444.950 repeater. The current system in place belongs to Bob Buford, W5RAB, and Dave Kreifels, KA0JON was supposed to, or had offered to build, a new one for about \$250.00. Steve AA5V has been in contact with him concerning this, but not recently. Steve will contact him to see if he is still willing to complete the project. If he is not, we will proceed along a different path. Bob has also offered to build us a new repeater, and we will probably let him do it, depending on what Dave says.

Ben Joplin, WB5VST, then reported that Larry Holden, KC5ZQM, with Osage County ARES has put up a 440 MHz repeater near Pawhuska, and they wish to link it to the 444.725 repeater in Skiatook. Mark N7XYO recommended that Ben continue to investigate what is needed to do this and report back. Linking the two systems would give more complete coverage of the county for severe weather operations.

Doug KC5ZQM asked if the 927.700 repeater is ours. He wasn't sure if it was donated to the club, or if the operator who installed it donated it to the club. It does belong to the club.

**Activities:** No activities planned until next spring, but Chairman Kenneth Baucum, KG5CBM, does have *(continued on next page)*

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

certificates of appreciation ready for volunteers who helped with this years events.

**Public Relations:** The Signal will come out during the coming weekend. Any officer who wants to do a year in review article, they need to get in to Chairman Doug Lee, KC5ZQM by Friday the 16<sup>th</sup>.

Operating Standards: Nothing to report.

**Membership:** The Bring-A-Friend Contest is tied, so a drawing will be held to break the tie if needed.

**By Laws:** No report.

**Old, Unfinished, Ongoing Business:** Nominating Committee – Mark N7XYO informed Ben WB5VST than he is now the head of the Nominating Committee. Most of the current officers are willing to continue for 2017, so the committee's job should be easy.

MOU's (Memorandum Of Understanding) – Doug KC5ZQM has created preliminary MOU's for the Sun Building, CityPlex, and Skyline East. They need additional details, and Doug will email electronic versions to the committee for further discussion and action. He might also need to add one for the Skiatook site.

Meeting location – Joe N5TEX mentioned the Delta Cafe at 41<sup>st</sup> and Garnett as a possible site. It has two rooms, a small one suitable for board meetings, and a larger one that might be big enough for membership meetings. Mark N7XYO asked Ed K5CRQ to check it out, and to book us there for the Christmas Party if it fits our needs.

Programs – December meeting is the Christmas Party. We will wrap up the Bring-A-Friend Contest and award the prize there. We will also do the Junk Box Dirty Santa Gift Exchange. Ed K5CRQ will bring the prize package for the Contest because Steve AA5V might not be able to come. Ben WB5VST will discuss APRS for Tracking for Public Service Events.

**New Business:** No new business presented.

**Close** at 2001 after motion by Joe N5TEX, second by Steve AA5V, and passed on vote.

#### **TRO BRING-A-FRIEND CONTEST**

**WHEN:** Wrap up at TRO Christmas Party/December Meeting 1900 (7 PM)  
Tuesday 20 DEC 16

**WHERE:** Delta Cafe, 11101 E 41<sup>st</sup> (41<sup>st</sup> & Garnett)

**HOW:** Show up with a friend, sign in, and make sure your 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!



<b>REPEATER STATUS</b>
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 Sun Building 9 <sup>th</sup> & Detroit - Working

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

<b>TRO EVENTS</b>
<b>PUBLIC SERVICE</b>
No events scheduled until Spring
<b>PUBLIC RELATIONS</b>
No events scheduled until Green Country Hamfest

<b>TARC EVENTS</b>
<b>PUBLIC SERVICE</b>
Nothing until May

**TRO Christmas Party**  
**Tuesday 20 DEC 16 1900 hrs.**  
**Delta Cafe 41<sup>st</sup> & Garnett**  
**Junk Box Dirty Santa Gift Exchange**

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

<b>HAMFEST SCHEDULE</b>
<b>GREEN COUNTRY HAMFEST 07 - 08 APR 17</b>
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 12 JAN 17.
<a href="http://greencountryhamfest.org/">greencountryhamfest.org/</a>

<b>CLUB MEETINGS</b>
<b>Tulsa Repeater Organization</b>
Fourth Tuesday of the month, except June (Field Day) and December (Christmas) 1900 (7PM)
The Brook, 34 & Peoria (until further notice)
Schedule for 2017: 24 JAN 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 (?)
<b>Tulsa Amateur Radio Club</b>
Third Tuesday of the month 1900 (7PM)
Keplinger Hall, TU Campus, 5 <sup>th</sup> & Harvard
Schedule for 2017: 17 JAN 21 FEB 21 MAR 18 APR 16 MAY

20 JUN 18 JUL 15 AUG 19 SEP 17 OCT 21 NOV 19 DEC (?)

*(continued on next page)*

<b>THE BIG PICTURE (cont'd) – News from Green Country Hamfest, ARES, Skywarn...</b>
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### CLUB MEETINGS (cont'd)

#### 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 2017: 02 JAN 06 FEB 06 MAR 03 APR 01 MAY 05 JUN 03 JUL (tentative due to holiday) 07 AUG 04 SEP 02 OCT 06 NOV 04 DEC

#### American Airlines Amateur Radio Club

Last Saturday of every quarter 0900 (AM)

Martin East Regional Library

26<sup>th</sup> & Garnett

Schedule for 2016: 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 2017: 14 JAN 11 FEB 11 MAR 08 APR 13 MAY 10 JUN 08 JUL 12 AUG 09 SEP 14 OCT 11 NOV 09 DEC



**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)

**THE BIG PICTURE (cont'd) – News from Green Country Hamfest, ARES, Skywarn...**

**SKYWARN STORM SPOTTER TRAINING**

**JANUARY THROUGH MARCH 2017**

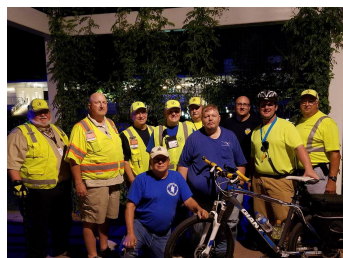


Only two sessions scheduled for the Tulsa area so far. The first session will be at the Case Community Center in Sand Springs, 26 JAN 17 at 1900 (7 PM), and the second will be at the OU Schusterman Center, 41st & Yale, 25 FEB 17 at 0900 (9 AM). For more sessions as they are scheduled, keep an eye on the calendar at:

[www.weather.gov/tsa/spotter\\_training](http://www.weather.gov/tsa/spotter_training).



**TULSA REPEATER ORGANIZATION YEAR IN PICTURES 2016**



**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 2017: 19 JAN 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](mailto:nq2j@cox.net), or 918-853-8118  
Schedule for 2017: 07 JAN 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](mailto:AC5II@arrl.net) or 918-379-0962  
Schedule for 2017: 11 FEB 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)  
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 2017: 21 JAN 18 FEB 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](mailto: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

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

**Our Website:** [www.tulsahamradio.org](http://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	<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:



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