



THE SIGNAL



Official Newsletter of the
Tulsa Repeater Organization

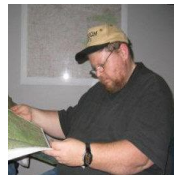


Vol. 47 Issue 5 OCTOBER 2014

“Covering Tulsa through the air”

UP FRONT – A Word from the Editor

By the end of the day on Saturday, 13 SEP 14, I began to realize what a ping pong ball feels like in the middle of a game. This was my first time in charge of two PR events on the same day. I had to make sure both locations had banners and brochures on display, so I bounced back and forth between the two sites.



The first event to start that day was a preparedness fair put on by the Tulsa Health Department as part of National Preparedness Month. This was a new event for them as well as us.

THD supplied us with a tent, tables and chairs. Tom Stroud, KD5OPH, brought out extra tables and a portable generator for running a portable station. Tom also displayed his big blue storm chaser truck. Stan Callahan, KE5HPB, and Brian Gnad, KB5TSI, displayed their vehicles as well. Paul Teel, WB5ANX, brought out the portable VHF/UHF station for local contacts.

Ed Compos, K5CRQ brought me the old PR kit that Mark Conklin, N7XYO, started years ago. Once the tent and tables were set up, Stan helped me hang the new club banner on one end of the tent. Then I quickly looked through all the PR materials and set up a literature display before heading to the Jack Graves Scout Reservation.

Bart Pickens, N5TWB, Fred Williams, KD5NBR, and Chase Crum, KG5CLM, were already set up, operating radios, and interacting with the public at the Boy Scouts Fall Festival. The Festival is an open event that allows the general public to get a taste of what Scouting offers. The Boy Scouts invite us out to demonstrate ham radio, because Scouts can earn a radio merit badge and millions of Scouts, since 1958, have talked to each other over ham radio during the annual Jamboree On The Air.

Fred helped me hang the older club banner on one end of his tent. Then I set up a few literature racks and brochures and hung out for a while.

That weekend was also the 2nd weekend of Route 66 On The Air. The TARC operated during that special event under the callsign W6L. Bart and Fred both had HF radios set up and made quite a few contacts under that callsign. Dennis Driver, KD5DDD had brought out the Sub Club's trailer tower for antenna support.

Quite a number of youngsters made contact, as third-party guest operators, with the THD crew, over the TARC's Superlink UHF System.

The most special visitors couldn't get on the air, though they were familiar with
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being in the air. They were a couple of owls brought out by The Royal Gauntlet Birds of Prey.

Between 1230 and 1300, I headed back to THD, with a quick stop at a Bill & Ruth's to pick up a sandwich. Turnout by the public was low, but that is not unusual for a first time for an event like this.

While monitoring some of the exchanges between the two sites, I was a bit surprised by the Scouting backgrounds of some TRO members.

After the tear down at THD, between 1400 and 1430, I returned to the Boy Scout camp. Several kids were keeping Fred busy answering their questions, and I interjected a little additional information once in a while to give him some relief. We eventually got to tear down after 1530.

In the aftermath of that day, I have gone through the PR kit and set a basic schedule for PR events.

I threw out a bunch of brochures that were out-of-date or spoiled (stained or crumpled). I also set aside some historical items, such as Governor's or Mayor's proclamations. Everything is now in three boxes, except for the banners. One box has literature racks and miscellaneous office type supplies. The second box has unwrapped brochures. The third box has a reserve of unwrapped brochures. The brochures come in three categories: public-oriented preparedness, public-oriented ham radio info, and ham-oriented ham radio info.

My thanks to everyone who came out to help with these events. Every contribution is valuable, no matter if large or small.

FOR THE RECORD – Minutes, Money, and other organizational stuff

NEW MEMBERS

Michael Halley – WB5SQC
 Jerry Mullennix – KG5EBZ

Welcome to the TRO and thank you for joining!

TESTING RESULTS

NEW TECHNICIANS:

Steve Avant, Checota OK
 Clint Crawford, Mounds OK
 Jerry Mullennix, Tulsa OK
 Michael DeBenadetti, Tulsa
 Richard L. Walters, Broken Arrow OK
 Holly Johnson, Mounds OK
 Christopher Clark, Muldrow OK

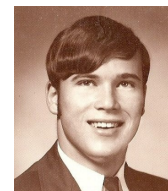
NEW GENERAL:

Jim Wright, KG5CZX,
 Claremore OK

(cont'd on next page)

TREASURY REPORT – STEVE MILLER, AA5V

October 13, 2014



Total TRO Accounts Beginning Balances	\$4951.30
Checking Beginning Balance	\$3012.29
08/26 3209 Doug Lee-KC5ZQM – PR Supplies -\$100.00	
09/23 3211 Merlin Griffin-WB5OSM G7 VHF Ant -\$199.95	
09/24 3212 Ben Joplin-WB5VST Mast repair -\$1835.00	
Checking Balance	\$877.34
PayPal Beginning Balance	\$21.49
PayPal Ending Balance	\$21.49
Savings Beginning Balance	\$1917.52
09/30 Interest	+0.24
Ending Savings Account Balance	\$1917.76
Total TRO Account Balances	\$2816.59

Respectfully Submitted by Steve Miller – AA5V 10/13/2014

TRO MEETING @ TALLY'S GOOD FOOD CAFE 11TH & YALE
1900 (7 PM) 28 OCT 14 - come early if you want to eat!

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

TESTING RESULTS cont'd

NEW EXTRAS:

Bill D. Wickliffe, Claremore OK, unlicensed to **Extra** in one sitting, wow!
Gerardo Gonzales, Jr., WB2OZE. Tulsa OK

Welcome to new hams! Congratulations to all who passed, whether new hams or upgrades!

The VE Team was John, KC4URD, Charles, KE5AHE, Skipper, NQ2J, Kevin, AF5SW, and Merlin, WB5OSM. Our next TRO/Red Cross Sponsored test session will be November 16, 2014 @ 19:00 CST back at the Red Cross Chapter 11th & US 169.

GETTING TECHNICAL – Engineering Report, Tech Articles & Tips, Repeater Status

ENGINEERING REPORT – Joe Gorkos, N5TEX

At CityPlex several antennas were changed out including .88 and 927.00. Not sure what is happening on the DVR. The .94 G7 antenna downtown was reported to have the same issues the .88 antenna had and that is the lower coil enclosed in a fiberglass cover has come loose. The small pins may have popped out due to vibration caused by high wind conditions. This Saturday at 9:00 a crew will be downtown working on installing a 6ft cabinet to hold the radios. I am still working on the old G7 taken down from CityPlex having SWR issues.....

That is all that has been reported.

(From the editor) During the Cystic Fibrosis event, I couldn't get into .88 using the 88.5 tone. 146.94 worked well, even though it had audio problems during the Fall Century Bike Ride.



REPEATER STATUS

146.805 (-) PL 88.5 71st & Yale Working

148.880 (-) PL 88.5 (Skiatook or Keatonville receivers) or 141.3 (CityPlex) 81st & Lewis

Working, but with DVR, antenna, and PL issues

146.940 (-) PL 88.5 9th & Detroit Working, but with antenna issues

444.1 (+) PL 88.5 41st & Skelly Drive Working

442.725 (+) PL 88.5

NW of Skiatook Working

444.950 (+) No PL

Autumn Oaks, 71st & Yale Working

ATV Repeater

421.250 Output

434.250 Input

Work In Progress

To build or not to build?

Submitted by Charles Burka, KE5AHE:

Well I've heard hams are experimenters and builders so I said, "Why not?" As it turns out though, I found I needed a double female connector to attach this "Ugly Balun" to the radio. Bummer! And who says it's ugly?



GETTING TECHNICAL cont'd– Engineering Report, Tech Articles, Repeater Status

Digital Mobile Radio in Oklahoma!

Submitted by Paul Teel, WB5ANX:

Digital Mobile Radio (DMR) is growing fast in Oklahoma. The Amateur Radio operators of DMR in Oklahoma held a statewide meeting in Tulsa on October 11. The cities represented were Bartlesville, Muskogee, Oklahoma City, Stillwater, and Tulsa. The meeting centered on frequency and site coordination for repeaters, talk group preferences, programming, and infrastructure plans for the future.

We currently have UHF repeaters operational in Tulsa, Bartlesville, 2 in OKC and the Muskogee area. Several new UHF DMR repeaters are coming online soon including Tulsa Downtown, Keetonville, and Stillwater. This will dramatically increase our coverage in this fast growing segment of Amateur Radio.

If you are interested in more information about DMR and how to get started talk to Tom Shaw, K5OVT at K5OVT@cox.net. We have recommendations on easy ways to get started and assistance with programming your radio.

GETTING RADIO ACTIVE - Activities Report, Schedule of TRO Events

TRO EVENTS

PUBLIC SERVICE

WILLIAMS ROUTE 66 MARATHON
SATURDAY & SUNDAY, 22 -23 NOV
5K and 1 mile runs on Saturday,
full and half marathons on Sunday

PUBLIC RELATIONS

GREEN COUNTRY HAMFEST
FRIDAY & SATURDAY, 13 & 14 MAR
TRO club table

**OTHER PUBLIC SERVICE
EVENTS**

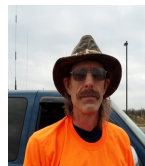
ARES OKLAHOMA

Tulsa County ARES Meeting &
Hospital Net Test
Saturday 1 NOV 14

Auxiliary Communications
Workshop
Saturday & Sunday 1 – 2 NOV 14
Mustang OK

*See announcements under The Big
Picture*

ACTIVITIES REPORT – Tom Stroud, KD5OPH



**CLAREMORE LAKE SPRINT TRIATHLON
SUNDAY, 24 AUG 14**

We did it! The second annual Claremore Lake Triathlon is in the history books. I would like to thank all our operators that came out today to give us a hand.

We had 3 new operators and they did a great job for us: Pete Visser, KF5YIW, Joseph Hodgson, KF5KT, and Mike Halley, WB5SQC, all excellent operators. Would also like to thank our seasoned operators Ben Joplin, WB5VST, Paul Young, KE5EHM, Ray Young, K5CFY, and John Grace, KD5VSB, for keeping us located on APRS.

Nothing earth shattering on this one to report but the event went very smoothly for us w/ everyone back in safe. Again, I can't thank you enough. 73!

**DAM JAM Bike Tour
Saturday 06 SEP 14**

Thanks from the AC:

To all our operators that came out in the rain that morning to be part of our communications team for the 23rd Annual DAM J.A.M. 2014. I just want to say thank you!. All went very smoothly and everyone did an awesome job of staying on top of things ... 73's to all.

From Jim Beach, coordinator of the event:

“Once again, the generosity and professionalism of individuals in our ham community made a huge difference at the DAM J.A.M. Bicycle Tour. Your commitment to service is very much appreciated. Here's just one of the many positive comments I've seen, 'Thanks to the wonderful volunteers - (continued on next page)

GETTING RADIO ACTIVE cont'd - Activities Report, Schedule of TRO Events

ACTIVITIES REPORT cont'd

DAM JAM Bike Tour, cont'd

"rest stops were great and it was good to see so much support out on the route!"

Thanks and 73 from all of us at DAM J.A.M.!"
Jim Beach, KE5URF

Volunteers include:

- | | |
|----------------------|------------------------|
| Tommy Stroud, KD5OPH | Ray Young, K5CFY |
| Brian Gnad, KB5TSI | Pete Visser, KF5YIW |
| Bart Pickens, N5TWB | Joseph Hodgson, KF5ZKT |
| Paul Young, KE5EHM | Kenneth Baucum, KG5CBM |
| John Grace, KD5VSB | Mike Halley, WB5SQC |

BIKE MS OKLAHOMA

SATURDAY & SUNDAY 20 – 21 SEP 14

Many thanks to all of our Ham Radio Operators that helped out at Bike MS this weekend. We were really on top of our game and our professionalism shone through. Great Job by all!

Volunteers include:

- | | | |
|--|------------------------|------------------------|
| Tommy Stroud, KD5OPH | Ray Young, K5CFY | Stan Callahan, KE5HPB |
| Brian Gnad, KB5TSI | Pete Visser, KF5YIW | Merlin Griffin, WB5OSM |
| Bart Pickens, N5TWB | Joseph Hodgson, KF5ZKT | Linda Griffin |
| John Grace, KD5VSB | Kelly Baker, N5TUG | Rob Giger, KG5AUN |
| Ben Joplin, WB5VST (APRS tech support from home) | | Chase Crum, KG5CLM |

OTHER PUBLIC SERVICE EVENTS

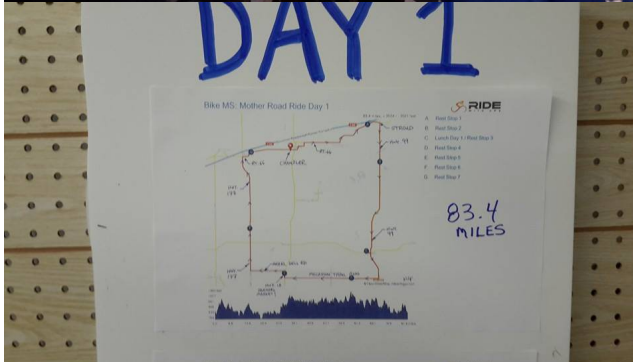
ARES OKLAHOMA

2014 ARES-Oklahoma Simulated
Emergency Test (SET)
Saturday 13 DEC 14 (0900 - 1400)

**TULSA AMATEUR RADIO CLUB
EVENTS**

Sand Springs Christmas Parade
05 DEC 14

ABATE of Tulsa Toys For Tots Toy Run
14 DEC 14 (tentative)



GETTING RADIO ACTIVE cont'd - Activities Report, Schedule of TRO Events

ACTIVITIES REPORT cont'd**CYSTIC FIBROSIS CYCLE FOR LIFE NIGHT RIDE****FRIDAY 03 OCT 14**

(Report submitted by Doug Lee, KC5ZQM)

This was another new event, not only for the TRO, but also for the sponsoring organization. The Tulsa chapter of the Cystic Fibrosis Foundation contacted us early in August about supporting this fundraising bike tour, and the members voted to do it at the club meeting that month. It featured rides of 20 and 40 miles, with both routes beginning and ending at the River Parks West Festival Park, 21st & Jackson.

As with any first time event, we encountered a learning curve. The organizers had done some homework, and they provided plans and maps that covered most of the needs presented by an event of this nature. But we still had to put some thought into keeping track of everything.

The routes were mostly on the lighted trails of the River Parks, but some sections were on roads, but for some portions of those sections, the trails were close to Riverside Drive or Charles Page Boulevard/Keystone Expressway. We mainly covered the 4 rest stops, and everyone else was assigned to safety positions. "Sagging" would be done as needed. Tom's Bicycles had one of their mobile repair vans out there, along with a mechanic who could ride the course to meet up with a rider needing assistance. Besides medical, safety and mechanical issues, our main concern was keeping up an accurate count of the riders on the course.

Fortunately, things went very smoothly overall. We had no medical or safety issues, and only one mechanical issue. The rider with the mechanical issue appeared in the Downtown portion of the tour, and we had to locate a contact number for Tom's mechanic.

The biggest problem with keeping up with the numbers is that quite a few riders decided to leave the route, with most of those being taken in by an establishment that specializes in the serving of adult beverages while patrons listen to live music. But everyone was accounted for by the evening's end.

The biggest problem for the Net Control was the weather. The winds were stiff and steady from the north or northeast. We had to anchor down EVERYTHING! Also the cool temperatures caused me to do something I never do – drink coffee at night!

Thanks and Fine Business to all volunteers!

ROSTER OF VOLUNTEERS AND ASSIGNMENTS

NAME	HAMCALL	TACTICAL	LOCATION
Tom Stroud	KD5OPH	COM DIR	River Parks
Doug Lee	KC5ZQM	NET CONTROL	River Parks
Rob Giger	KG5AUN	REST 1	Turkey Mountain Park
Kenneth Baucum	KG5CBM	REST 2	81 st & Riverside
Pete Visser	KF5YIW	REST 3	Main & Easton
Joe Hodgson	KF5ZKT	REST 4	Main St. Sand Springs & Katy Trail
John Grace	KD5VSB	SAFETY 1	Mobile
Paul Young	KE5EHM	SAFETY 2	Mobile
Paul Teel	WB5ANX	SAFETY 3	Mobile
Bart Pickens	N5TWB	GATE	Archer & Guthrie

THE BIG PICTURE – News from ARRL, Green Country Hamfest, ARES, Skywarn...
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ARES OKLAHOMA**Tulsa County ARES Meeting & Hospital Net Test****Saturday 1 NOV 14**

The Tulsa County ARES organization will be conducting the Hospital Net test on November 1. The test involves about a dozen local area hospitals and medical facilities and is conducted twice a year. Each of the facilities is equipped with an Amateur Radio for emergency communications. We test the functionality, programming, and connections on both repeaters and simplex. Pre-deployment briefing location will be announced soon. For more information contact Paul Teel, Tulsa County ARES Emergency Coordinator, at pteel@cox.net

Auxiliary Communications Workshop**Saturday & Sunday 1 – 2 NOV 14****Mustang OK**

The Office of Emergency Communications/Interoperable Communications Technical Assistance Program (OEC/ICTAP) is offering Auxiliary Communications Workshop (AUXCOMM) workshop training course HERE IN OKLAHOMA.

This valuable training workshop is designed for those auxiliary emergency communicators and groups who volunteer to provide backup emergency radio communications support to public safety agencies. The course is for the new radio amateur, as well as, the experience communicator.

There is NO COST to you for the workshop. The workshop will be November 1 & 2, and will be all day sessions. YOU MUST ATTEND BOTH DAYS.

The workshop will be held at the Mustang Fire Department in Mustang, OK

Prerequisites for attendance are:

- Completion of IS-100.b IS-200.b IS-700.a and IS-800.b prior to the workshop.
- An active FCC amateur radio license.
- Past experience in auxiliary emergency communications.
- A desire to work with COMLs in a NIMS/ICS environment (ARES-OK follows NIMS/ICS protocols and when deployed report to the event's COML)

You are on your own for meals and lodging.

2014 ARES-Oklahoma Simulated Emergency Test (SET)**Saturday 13 DEC 14 (0900 – 1400)**

Details are coming later, but this will be a statewide event different from previous years.

Are you registered?

Instructions on how to register with ARES Oklahoma

1. To become a volunteer with ARES Oklahoma you simply register at www.ARESOK.org. You do not need to be a member of a group, club, or the ARRL.
2. To apply to be a leader within ARES Oklahoma you apply at www.ARESOK.org. ARRL membership is required for all appointed leaders at the time of appointment to the leadership role.
3. To register:
 - a. Go to www.aresok.org
 - b. On the left side of the page click "apply"
 - c. On the map displayed, click your county

(continued on next page)

THE BIG PICTURE cont'd – News from ARRL, Green Country Hamfest, ARES....**CLUB MEETINGS****TRO**

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

1900 (7PM) Tally's Cafe, 11th & Yale

Schedule for 2014: 28 OCT 25 NOV 16 DEC

Tulsa Amateur Radio Club

Third Tuesday of the month

1900 (7PM) Keplinger Hall, TU Campus, 5th & Harvard

Schedule for 2014: 21 OCT 18 NOV 16 DEC

Broken Arrow Amateur Radio Club

First Monday of the month (exceptions for holidays)

1900 Central Park Recreational Center, 1500 S Main, Broken Arrow

Schedule for 2014: 03 NOV (location: BAPD & EOC) 01 DEC (tentative due to holiday)

American Airlines Amateur Radio Club

Last Saturday of every EVEN numbered month

0900 (AM) Martin East Regional Library 26th & Garnett

Schedule for 2014: 25 OCT 27 DEC

HAMFEST SCHEDULE**GREEN COUNTRY HAMFEST 13 – 14 MAR 15**

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 11 SEP 14.

<http://www.greencountryhamfest.org/>

Texhoma Hamarama 24 - 25 OCT 14

Ardmore Convention Center, 2401 North Rockford Road
Talk-In: 146.970 (no PL tone)

<http://texomahamarama.org/>

Enid Hamfest 01 NOV 14

Hoover Building, Garfield County Fairgrounds, 305 E Oxford Ave

Talk-In frequency 145.290

<http://www.enidarc.org/enidhamfest>

Are you registered? (cont'd)

- d. Scroll down under the map and from the pull down next to Position Applied For
- e. Select VOLUNTEER or a leadership role
- f. Fill in the blanks, and click "apply"
- g. This adds your name to the ARES Oklahoma register.

Keep in touch with ARES Oklahoma by going to www.groups.yahoo.com/group/aresoklahoma. Click "join this group" on the right side of the page and sign up to receive all the latest news. We also have a Facebook page for ARES Tulsa County: <https://www.facebook.com/groups/340786045950016/>

From the ARES E-Letter, 15 OCT:

National Community/Neighborhood Exercise Series

The series of Formidable Footprint exercises for neighborhood, community and faith based organizations continues: October 25 - Solar Storm / January 31 - Flood / February 28 - Wildfire. Exercises have also been scheduled for the following scenarios: Earthquake -Hurricane - Influenza Pandemic - Tornado. The Formidable Footprint exercise series has been developed in accordance with Homeland Security Exercise and Evaluation Program (HSEEP) protocols. The objective of the exercise series is for CERTs, Neighborhood Watch Programs, Neighborhood Associations, Community / Faith Based Organizations, Citizen Corps, Fire Corps and others to work as a team to become better prepared for the next disaster their community may face. There is NO CHARGE for participation in any of the Formidable Footprint exercises. For additional information and to register for up-coming exercises please access the following web site today: www.FormidableFootprint.org

TESTING... TESTING.... - VEC Test Session Schedule

WALK-INS ARE WELCOME AT ALL SESSIONS!

ARRL VEC SESSIONS:**Tulsa Repeater Organization**

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

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 2014: 20 NOV

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

Hardesty Regional Library

8316 E 93rd Street

Tulsa, OK 74133

Contact: Loyd Beeson, AE5MM at ae5mm@arrl.net or 918.638.2393 (text msg or voice)

Schedule for 2014: 01 NOV

Broken Arrow Amateur Radio Club

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

Church of Christ

505 East Kenosha Street

Broken Arrow, OK 74012

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

Schedule for 2014: 14 DEC

W5YI VEC SESSIONS:**American Airlines Amateur Radio Club**

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

Martin East Regional Library

2601 S Garnett Road

Tulsa, OK

Contact: John Campbell, K5ENA, at k5ena@cox.net, or 918 346-8284

Schedule for 2014: 25 OCT 28 DEC

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

Our Website: www.tulsahamrdio.org

Our Facebook: <https://www.facebook.com/groups/189314365941/>

MAKING CONTACT – Club Officer Contact Information

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

President	Stan Callahan	KE5HPB	918.381.9990	ke5hpb@tulsahamradio.org
Vice-President	Ben Joplin	WB5VST	918.396.1651	wb5vst@tulsahamradio.org
Secretary	Ed Compos	K5CRQ	918.231.7730	k5crq@cox.net
Treasurer	Steve Miller	AA5V	918.381.8574	aa5v@tulsahamradio.org
Trustee	Merlin Griffin	WB5OSM	918.520.7668	wb5osm@tulsahamradio.org
Activities	Tom Stroud	KD5OPH	918.695.3735	kd5oph@tulsahamradio.org
By-Laws	Gary Parham	KC5ZQP	918.369.1065	kc5zqp@aol.com
Engineering	Joe Gorkos	N5TEX	918.230.8243	n5tex@tulsahamradio.org
Membership	Charles Burka	KE5AHE	918.812.3843	ke5ahe@tulsahamradio.org
Operating Standards	open			
Past President	Mark Conklin	N7XYO	918.366.2007	n7xyo@arrl.org
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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