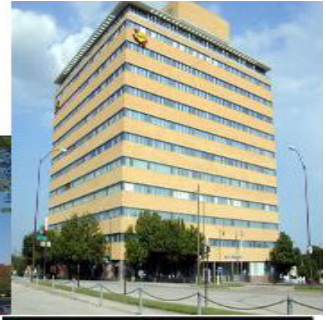




THE SIGNAL



Official Newsletter of the
Tulsa Repeater Organization



Vol. 52 Issue 12

December, 2019

“Covering Tulsa through the air”

PREZ SAYZ:

We will have our Christmas party December 10, at 7:00 Shiloh's restaurant 2604 N Aspen, Broken Arrow. We will be doing "Dirty Santa" so bring a gift or something from your junk box. We will have a 50/50 pot \$1 a ticket or 5 for \$4. There will be a drawing for prizes for members. The big prize will be a TYT DMR/Analog MD UV-380 HT. Will have other prizes also. Come early IF you want to eat. Hope to see everyone at the party.

President TRO
Paul Young - KE5EHM

MEETING PLACE FOR DECEMBER 10TH IS:

Shiloh's Family Restaurant
2604 North Aspen Avenue in Broken Arrow

VICE-PREZ SAYZ:

It has been a strong year for our club and for our membership. A few words of thanks are in order for those that have continued to support and grow our club this year. The Engineering Committee did an outstanding job of keeping the equipment in operational order and ready to support infrastructure needs should an unexpected event take place. We as radio enthusiasts have to stay dedicated to the cause and to the mission of Emergency Communication. But more importantly, we have to pass the skills trades and the fun of Ham Radio to the next cell phone generation. The best way to do that is to get a mic in their hands to encourage interest and drive toward obtaining a license to become a Ham Radio Operator. How do we grow membership? We increase interest in the hobby. They have to first have the Ham Radio drive in their blood to take an interest in the hobby and the hobby leads to operations in emergency communications. So take whatever opportunity you can to develop a new Ham, start with your family, wife, kids, and friends. Ask them, have you ever talked on a Ham Radio? Then you may get a response of what is Ham Radio? How does it differ from my cellphone and why do I need to be on it and there you go, a new Ham is starting to grow in the garden on Radio Communication.

In This Issue

PAGE 1 Prez Sayz
Meeting Place
Vice-Prez Sayz
PAGE 2 Vice-Prez Sayz (continued)
TRO Meeting Minutes
PAGE 3 TRO Meeting Minutes
continued
TRO Treasurer's Report
PAGE 4 Activities
Help The Club
ARRL-VEC Testing Session
Engineering Report
Repeater Status
PAGE 5 Engineering Report
Repeater Status
ARES Net
PAGE 6 Blood Banks Run Short...
Green Country Hamfest 2020
PAGE 7 Club Meetings
VE Test Sessions
PAGE 8 Making Contact
TRO Officer Contact Information

Use Ham Radio in your daily life. Ask yourself where and when can I use Ham Radio instead of my cellphone to develop a new way of communicating with family and friends. But you say, they would have to have a license to respond. Well, there you go, now they have a reason why they need to become a Ham Radio Hobbyist. We all have tons of equipment sitting around. Pass the older stuff down to the new hobbyist. Mentor them in the skill as needed. The more we exercise our skills the better ready we will be for the bigger events that may or may not take place. A growing interest in the hobby will bring more opportunities for increasing membership and the longevity of radio communications as a whole. Above all, it has to be fun. Yes there is a serious side, but, keep it fun and enjoyable. Thank you to all those that helped out with the activities committee this year. Doug Lee – KC5ZQM took the con on that one and kept the ball rolling. A great job by all. Thank you to our President Paul Young - KE5EHM and the executive committee for staying on top of the business side of things to keep the machine well oiled. In closing thank you to our membership for your support to this great club, TRO.

Pray more, worry less
Have a Great Christmas ... "73 to all"
Vice President Tom Stroud - KD5OPH

**TRO MEETING MINUTES FOR 11/26/2019:
Tulsa Repeater Organization Membership Meeting Minutes**

Date: Nov 26, 2019 1904 hrs. # Present: 14
Secretary: Paul Teel, WB5ANX

Opening from Paul Young, KE5EHM, President

- Introductions

Reading of Minutes

- Mike Paxman, K5MWP , moved to approve as posted in the Signal.
- Ray Young, K5CFY , seconded the motion.
- It was approved by voice vote.

Treasurer's Report

- Johnny Rentfro, N5XQK, moved to approve as posted in the Signal.
- Ed, K5CRQ, seconded the motion.
- It was approved by voice vote.

Engineering

- Joe Gorkos, N5TWP reviewed the current status of TRO systems
- The .805 repeater ID is not working correctly
- The .88 repeater is off the air.....suspect it's the controller. Resolution time is TBD.
- All other systems are operating nominally.

Activities

- RUTS and GUTS made a cash donation of \$80 to the club.
- Christmas party update by Paul Young

- Party will be on December 10 at Shiloh's.
- Time at 7pm. 6 pm to eat.
- Bring one wrapped item for dirty SANTA
- The club will also have a 50:50
- Club gifts...DMR talkie, Nano SWR meter,

No report from: Public Relations, Membership, Operating Standards, By Laws, Trustee.

Old Business

- None

New Business

- Steve is cleaning out a barn of surplus equipment
 - Two DB224's are going to Bob
 - DB products antenna for UHF will also go to Bob for storage
 - 2...nice cabinets...for use outside, plus another Motorola cabinet.
 - Tate power supply...and a Pyramid 50A supply.
 - Duplexes 4 can
 - Band pass filters...
 - Suggestion was to take to GCHF.

End of Business:

- Johnny, N5XQK made the motion to adjourn.
- Ed, K5CRQ, seconded the motion to adjourn.
- Motion approved by voice vote.
- Meeting adjourned at 1942 hours.

TRO TREASURY REPORT OF 12/08/19:

Treasury Report of December 8, 2019

Total TRO Accounts Beginning Balance	\$5910.14
Checking Beginning Balance	\$2020.42
12/01 Reimburse Steve Miller – AA5V for TYT MD UV-380 & NanoVNA	-169.46
Checking Balance	\$1850.96
PayPal Beginning Balance	\$397.86
PayPal Ending Balance	\$397.86
Cash Beginning Balance	\$30.00
11/26 Cash Donation From Ruts-N-Guts	+80.00
11/26 2 – gift cards for Shiloh's	-40.00
Cash Ending Balance	\$70.00
Savings Beginning Balance	\$3461.86
11/29 Int Earned	+1.42
Ending Savings Account Balance	\$3463.28

Total TRO Account Balance

\$5782.10

Respectfully Submitted by Steve Miller – AA5V 12/8/2019
New Members:

ACTIVITIES:

Activities / PR Report

TRO Christmas Party will be Tuesday, December 10 at Shiloh's Restaurant in Broken Arrow at 7:00 PM. Come early to eat. We will do the dirty santa game that consists of ham radio equipment you wish to get rid of. Bring something from your junk box wrapped or something else \$10.00 or less. May be someone else's treasure. A 50/50 pot and other prizes one of which will be a TYT DMR/Analog MD UV-380.

HELP THE CLUB:

When shopping Amazon use smile.amazon.com and pick Tulsa Repeater Organization, Inc as your charity for the TRO to receive contributions from Amazon. It costs you no more for your purchases.

ARRL-VEC TRO-RED CROSS SPONSERED VE TESTING SESSION ON 11/21/19:

Eight applicants and all eight got what they came for. So 100% passing rate, let's welcome these new folks to the air.

- Mr. Charles Anderson of Tulsa, new Technician now KI5HJL
- Mr. Cameron Akred of Tulsa, new Technician now KI5HJM
- Mr. William Martin of Tulsa, new Technician now KI5HJN
- Mr. Jeremy Eavey of Broken Arrow, new Technician now KI5HJO
- Mr. Maxwell Zines of Tulsa, new Technician now KI5HJP
- Mr. Kameron Richards of Coweta, new Technician now KI5HJQ
- Mr. Bruce Day of Tulsa, new Technician KI5HJR
- Mr. Robert Cehelnik KF5EQX of Broken Arrow, upgraded to General

The VE team was:

- Eli Lebow W5PPD
- Skipper Smith NQ2J
- Kevin Wade AF5SW
- Don Miller W8AW
- Merlin Griffin WB5OSM

then our assistant Lexie Skelton granddaughter of Merlin WB5OSM who will be turning 13 in a few days. She's been studying just a little for her license, but not enough yet.

The great thing with this session is most of these were younger men, probably under 30. Ham radio is very much alive. Our next session at the Red Cross January 16, 2020 @ 19:00.

TRO Trustee, Merlin Griffin, 73 DE WB5OSM

ENGINEERING REPORT:

Nothing new to report this month. 146.88 is still down, continue to wait for either a replacement controller or have the existing controller fixed. All other systems are working.

Thanks Joe Gorkos - N5TEX

REPEATER STATUS

146.805 (-) PL 88.5 Autumn Oaks Building 71st & Yale - Working

146.880 (-) PL 88.5 (CityPlex), 82.5 (Skiatook) or 141.3 (Keetonville receiver) 81st & Lewis – Repeater down.

146.940 (-) PL 88.5 Sun Building, 9th & Detroit – Working

927.700 (-25 MHz) (902.7) CityPlex - Working

Metro Link:

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

444.725 (+) PL 88.5 GRDA tower NW of Skiatook – Working

444.950 (+) PL88.5 Autumn Oaks Building 71st & Yale – Working



ARES Net

Thursday evenings at 8:00 PM
1st, 2nd and 3rd Thursdays on the 147.39 MHz repeater
4th and if there is a 5th Thursday use the
TARC Super Link System 443.850 MHz
PL 88.5 Hz

BLOOD BANKS RUN SHORT OF BLOOD DURING THE HOLIDAYS:

Hey, during the holiday season, the blood banks say because people are busy and travelling they run short of blood, all types. The process to donate whole blood usually takes under one hour, start to finish. You can only do it about every 60 days. So if you are in reasonably good health. Think about donating a unit of blood every now and then. It's very good of the Red Cross to allow us use of the facility to grow ham radio. So either support them financially or donate blood. I am an Apheresis donor myself. Apheresis means without Iron. They take my platelets and give back the red blood cells. The main recipients of platelets are cancer patients, then I believe burn victims, and finally people with bleeding disorders. One of which is Hemophilia. This is a little more involved process than whole blood donation, you are on the machine for a little over two hours. If they do a two arm procedure it cuts the time in half, but you have a needle in both arms and makes it hard to even scratch your nose. So I generally only let them do a single arm. The cool thing is during this time, you can watch TV, a movie, listen to music, read, take a nap, or eat a snack. They have an assortment of DVD's and now NETFLIX. So give this a consideration too. You can do this type of donation as often as every four days, but they say ideally every two weeks. Because it is a lengthier procedure, I generally only make it in once a month. I am O- which is the universal donor so both Red Cross and Oklahoma Blood Institute are calling me, emailing me, and texting me, saying we need you. Since both my parents were O+ I was a little surprised to be the rarer type. I thought at first the Red Cross made a mistake, but when I was working on my Microbiology degree I ran the test myself in Immunology Lab, and yeah I am O very negative. I also learned in genetics class how this was possible.

TRO Trustee, Merlin Griffin, 73 DE WB5OSM

GREEN COUNTRY HAMFEST APRIL 10 & 11, 2020:

Green Country Hamfest will be April 10-11 of 2020 once again at Clarmore Expo Center over at 400 Veterans Parkway in Clarmore. Talk-in on 147.09 +600 (88.5) also does digital (Fusion). Admission is \$8.00 in advance \$10.00 at the door. Flea market table prices are still being decided, but probably will not change. We are looking at how to expand the number of tables, and we may have to purchase or lease more tables. Commercial Dealer spaces are \$50.00 ea. Includes admission. By the way the Flea Market tables do not include admission. Electrical service is \$25.00 per connection, only if needed. It is mostly not available in the flea market area, and is mostly for the commercial vendors. If you want electricity at your flea market table, you will need to talk to a committee member. Email addresses for this are published on our website www.greencountryhamfest.org. One thing different this year. We will do registration only **on-line** or at the door. To make sure you get the flea market tables **you** want you will need to register on-line, by the day of the show we cannot guarantee any will be available, and certainly that you won't be able to get like four to six all together, or can't get next to your old buddy Jim. Registration will open some time in the first half of January 2020. In other Green Country News, we are approved as the 2020 ARRL Oklahoma State Convention. No I don't know what the prize package will be this year, that's still under consideration, but as usual FANTASTIC, AWESOME, and MIND BOGGLING. So just watch this newsletter and our website www.greencountryhamfest.org

TRO Trustee, Merlin Griffin, 73 DE WB5OSM

CLUB MEETINGS

Tulsa Repeater Organization

Fourth Tuesday of the month, except June (Field Day) and December (Christmas) 1900 (7PM)
Shiloh's Restaurant, 2604 North Aspen, Broken Arrow
Come early if you plan on having dinner.
Schedule for 2019: DEC 10

Tulsa Amateur Radio Club

Third Tuesday of the month 1900 (7PM)
Keplinger Hall, TU Campus, 5th & Harvard
Schedule for 2019: DEC 17

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 2019: JAN 6

Rogers County Wireless Association

Second Friday of every month at 1900 (7 PM)
Eggbert's at 900 South Lynn Riggs Blvd, Claremore OK
Come around 6'ish if you plan on having dinner.
Schedule for 2019: DEC 13

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

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

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

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

Tulsa Amateur Radio Club

Third Saturday of every month at 0900
Pentecostals of West Tulsa 2124 W 41st Tulsa OK
Contact: John Carr, K5TBL at K5TBL@arrl.net or (918) 289-1718

ARRL VEC SESSION

Last Saturday of even-numbered months, 1000 to 1130 AM
Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74013
Walkins welcome until 1030
Contact: Skipper Smith, NQ2J at: nq2j@cox.net or 918-853-8118

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	Paul Young	KE5EHM	918.637.8414	ke5ehm@tulsahamradio.org
Vice-President	Tom Stroud	KD5OPH	918.695.3735	kd5oph@tulsahamradio.org
Secretary	Paul Teel	WB5ANX	918.640.6000	wb5anx@tulsahamradio.org
Treasurer	Steve Miller	AA5V	918.381.8574	aa5v@tulsahamradio.org
Trustee	Merlin Griffin	WB5OSM	918.520.7668	wb5osm@tulsahamradio.org
Activities	OPEN			
Engineering	Joe Gorkos	N5TEX	918.230.8243	n5tex@tulsahamradio.org
Public Relations	OPEN			
Membership	Tom Stroud	KD5OPH	918.695.3735	kd5oph@tulsahamradio.org
Operating Standards	Ed Compos	K5CRQ	918.231.7730	k5crq@cox.net
By-Laws	Gary Parham	KC5ZQP	918.369.1065	kc5zqp@aol.com
Past President	Mark Conklin	N7XYO	918.232.8436	n7xyo@tulsahamradio.org

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
P.O. Box 1422
TULSA, OK 74101-1422**

Mail to: