



# THE SIGNAL



Official Newsletter of the  
Tulsa Repeater Organization



Vol. 47 Issue 4 AUGUST 2014

“Covering Tulsa through the air”

## UP FRONT – A Word from the Editor

Field Day! What can I say? Sure seemed like a good time to go out and play, and it mostly worked out that way. A storm came around; caused us to shut down. Wind and lightning turned into showers, but we were back on the air in a couple of hours!

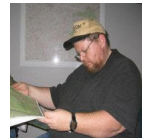
Mr. Callahan (he's a real Stan up man) did such an excellent job as our cook, that he has a lifetime Field Day assignment, at least in my book.

I did get on a radio and a few contacts I did run; not as much as usual, but I still say that Field Day is always fun!

The Center of the Universe Festival was not my first nighttime event, but it was my first two-day public service event. The most telling incident occurred Friday night. A supervisor from one of the public safety agencies asked “How are they getting these reports before we do?” Skipper Bain, special events liaison for Tulsa Police, explained to her that we had people stationed around the festival zone, at the gates, the stages and the EMSA tent, and we were generating many of those reports. So, don't think for a minute that we don't have an impact when we “work” these events.

September is National Preparedness Month. The Tulsa Health Dept. has invited us to set up a display at their Community Event on 13 SEP, at their main location, 51<sup>st</sup> & 129<sup>th</sup> East Ave. We will probably finalize those plans at the August meeting on Tuesday the 26<sup>th</sup>.

On that same day, the Boy Scout Fall Festival will be held at the Jack Graves Scout Reservation in Broken Arrow. Bart Pickens, N5TWB usually sets up a ham radio display out there. At last report, he needed someone to help. I will probably be busy that day supporting both events.



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

### PREZ SEZ - Stanley Callahan, KE5HPB

Well so far this summer the weather has been a lion cub instead of a lion. No complaints here yet, but this IS Oklahoma.

Our Field Day fell in that category as far as the weather goes. The temp was good, we had a strong breeze all weekend long. Saturday afternoon we had a storm blow in on us that shut us down for a while because of lightning. We had a good supper that evening despite the rain. We had special guests for dinner, Berryhill FD Ladder Truck crew, and Jamie from TAEMA showed up. (continued on next page)



**THE OFFICIAL WORD! cont'd - What Our Leaders Have To Say**

**PREZ SEZ cont'd**

KOTV 6 was the only media outlet that showed up this this year. We had one non-ham who joined us to learn more about ham radio. He was Mike Bulmer, SAG chairman for Bike MS. He is studying for his ticket. He hopes to have it by Bike MS.

We just finished the CoU Festival and I was very impressed on the turnout for volunteers this year. THANK YOU !! from the bottom of my heart. We had 15 people for Friday night and 13 on Saturday night. Things went very well. There were a lot of heat related calls over the course but none of our people. YEA!! On Saturday night I received a phone call from Ray Young, K5CFY, that his mother was in the hospital and not expected to make it thru the night. So I had to relay the news to Paul Young, KE5EHM, who was on a gate at the festival. He left right away and an hour later she passed away.

From every ham operator here, all our prayers for the Young family.

On Friday night we had a drawing for an El Chico dinner gift certificate that John Grace, KD5VSB, won. On Saturday night I had a \$20 QT card that went to Fred Williams KD5NBR. Congrats to you guys and thanks to everyone that helped us for a great weekend.

Looking ahead I expect the heat to show up anyway. There is one event in August. It is the Triathlon in Claremore at Claremore Lake. Look for details in Tom's report.

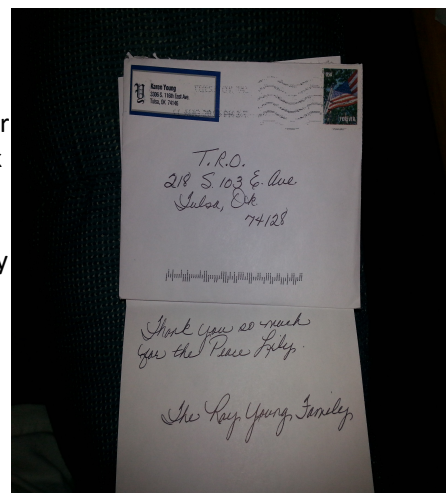
On September 6 is the Dam Jam bike event in Pryor. We will have a drawing for those that help us on that event as well.

Later that month we have an opportunity to promote ham radio and TRO at the National Emergency Preparedness Month Community Event at the Tulsa Health Dept. This isn't really a club activity *per se*, but there will be a few of us there to help as a promotion event. That same day is the Scouting Fall Festival in Broken Arrow, Bart Pickens is in charge of that. If interested in helping contact Bart. Bike MS is the 3rd weekend of September. but enough for now, not to take anything from Tom. More details later.

As I stated earlier, the Young family lost their mother last month. Prayers for Paul and Ray Young and all of their families. As I stated on the TRO Facebook account that it is seldom that we hear of family members passing away but even more rare that 2 TRO members are affected. I have had conversations with some TRO board members about this and we decided to send the family flowers and a card from TRO to show our support to them. They give so much support to TRO.

May you find God's peace in this difficult time!!  
73's and God's peace to you all .

Stan Callahan  
KE5HPB



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

**TESTING RESULTS**

We had seven applicants, all of which met with success. We gained Three new technicians, three new generals, and one new Extra.

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


**MEETING NOTES – ED COMPOS, K5CRQ**

TRO Meeting 7-22-14

Meeting was held at Talley's and called to order by Stan Callahan  
KE5HPB  
at 19:00 hrs

Introductions made by all the members attending

Minutes were read for 5-27-14 meeting and motion made to accept by Stan KB5HPB and 2<sup>nd</sup> by Steve Miller AA5V and passed on vote.  
(continued on next page)



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

**MEETING NOTES cont'd**

Financial Report presented by Steve AA5V and motion to accept by Ed Compos K5CRQ and 2<sup>nd</sup> by Bart Pickens N5TWB and passed on vote.

Discussion was had on field day expenses and both clubs expenses were equal and a motion was made to have each club pay there own since they were equal by Ed K5CRQ and 2<sup>nd</sup> by Steve AA5V and passed on vote.

Engineering reports were given by the engineering people.

Lots of events coming up please check the web-page for them and if you can help contact Tom Stroud KD5OPH..

A motion was presented after discussion to replace the antennae at City Plex since the old one is bad with a new commercial grade and authorized an expenditure of up to \$1000. for it by Ed K5CRQ and 2<sup>nd</sup> by Steve AA5V and passed on vote of the members present.

Doug Lee KC5ZQM is putting out the newsletter on the even numbered months and everyone is welcome to submit articles and photos. Send them to [KC5ZQM@gmail.com](mailto:KC5ZQM@gmail.com). Please use open office, text or pdf.

Simplex contest is August 16, 2014, 7pm to 10 pm. Check the web page for more info.

There was no new business and no old business.

Motion to close the meeting was presented by Bart N5TWB and 2<sup>nd</sup> by Gary Parham KC5ZQP and passed on vote. Meeting closed at 20:39 hrs

**TESTING RESULTS -cont'd**

New Technicians are:

Shelbie Bartlett, Norman

Allison Hadley, Bartlesville

Shawn Smith, Meeker

Upgrades:

Dustin Dye, KG5AKR, Owasso. Tech to General

Melissa Hadley, KF5RPZ, Bartlesville, Tech to General

Carl Hartline, KE5NMK, Tulsa, General to Extra

Marion Drown, Tulsa, unlicensed to General

VE Team:

John, KC4URD

Eli, W5PPD

Kevin, KB5VOI (new General VE)

Merlin, WB5OSM

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

**ENGINEERING REPORT – Joe Gorkos, N5TEX**

Merlin Griffin, WB5OSM, submitted the following report:  
The plan for replacing the 146.88 transmit antenna: looks like we will now go with a DB-224 that Bob, W5RAB is donating to us. He is making sure it is in good condition, and resonant in the amateur band. If you are not familiar with this antenna, it is very popular for commercial and public safety operations that use VHF frequencies.

We are using its big cousin the DB-420 up at the Skyline building for the 444.1 machine, while the thing is probably 30 years old, at least, it does a bang up job on 444.1. The DB-224 in the omnidirectional configuration is rated at 6 dB gain over a half-wave dipole. (continued on next page)

**REPEATER STATUS**

- 146.805 (-) PL 88.5 71<sup>st</sup> & Yale - Working
- 148.880 (-) PL 88.5 (Skiatook / Keatonville ) or 141.3 (CityPlex) 81<sup>st</sup> & Lewis - Working
- 146.940 (-) PL 88.5 9<sup>th</sup> & Detroit - Working
- 444.1 (+) PL 88.5 41<sup>st</sup> & Skelly Drive - Working
- 442.725 (+) PL 88.5 NW of Skiatook – Working
- 444.950 (+) No PL Autumn Oaks, 71<sup>st</sup> & Yale - Not working, in repair

**GETTING TECHNICAL, cont'd – Engineering Report, Tech Articles & Tips**

**ENGINEERING REPORT, cont'd:**

The latest from Bob: He says it is in good condition and he is getting it tuned up ready to go. We will install it when the weather cools off a bit, probably in September.

The reason for not going with the commercial grad Hustler Spirit antenna, was that it came fully assembled and nearly 20' long. There were issues with getting it up in the site. The DB-224 folds in two halves a little under 10' long, so it will be easier to manage getting into the site. We didn't go with a DB-224 originally when we moved up into CityPlex as the building management would not allow an antenna that tall. However, the Oral Roberts Evangelistic Association put a TV transmitter up there, and got clearance from all the necessary regulatory agencies to put an antenna up there much taller than anything we would ever do. Also, now we see several antennas on the roof that are in the same size range as the DB-224. So things have changed since we moved up there a long time ago.

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

**TRO EVENTS**

**PUBLIC SERVICE**

**Claremore Lake Sprint Triathlon**

Sunday, 24 AUG 14  
0600 at Claremore Lake,  
northeast of Claremore, OK

**Dam Jam Bike Tour**

Saturday, 06 SEP 14  
0500 at Whitaker Park, Pryor OK

**Bike MS Oklahoma**

Saturday - Sunday, 20 - 21 SEP 14  
Chandler OK

**CF Cycle for Life – NIGHT RIDE**

Friday, 03 OCT 14  
1900 at River Parks West  
Tulsa OK  
(Pending vote at August meeting)

**PUBLIC RELATIONS**

**National Preparedness Month  
Community Event**

Saturday, 13 SEP 14  
0800 at 51<sup>st</sup> & 129<sup>th</sup> East Ave.  
Tulsa OK

**Boy Scouts Fall Festival**

Saturday, 13 SEP 14  
1000 at 101<sup>st</sup> & 193<sup>rd</sup> East Ave.  
Tulsa OK

**ACTIVITIES REPORT – Tom Stroud, KD5OPH**



Many thanks to all of our event communications team members and staff that worked Friday night and Saturday night shifts at the Center of the Universe Music Festival. It goes without saying that without them we could not make this happen. I feel very proud to be a part of the command operations staff for this massive undertaking. Job well done and very much appreciated and needed! 73's  
Center of the Universe Music Festival -  
July 25th Day 1:

**Command Staff Operations:**

- Tommy Stroud, KD5OPH - Com Director
- Doug Lee, KC5ZQM - Net Control
- Stan Callahan, KE5HPB - Welfare 1 / Field Operations
- Bart Pickens, N5TWB - Welfare 2 / Field Operations
- Ben Joplin, WB5VST - Welfare 3 /APRS Technical Support
- Joe Gorkos, N5TEX - Welfare 4 / Field Operations

**Field Operations:**

- VIP Gate - Fred Williams, KD5NBR
- Gate 1 - Paul Young, KE5EHM
- Gate 2 - Ray Young, K5CFY
- Gate 3 - Joseph Hodgson, KF5ZKT
- Gate 4 - Brian Gnad, KB5TSI
- Guthrie Green - John Grace<KD5VSB
- Main Stage - Kenneth Baucum, KG5CBM
- Medical Tent - Paul Teel, AB5ANX
- Stage 2 Tulsa World Stage - Pete Visser, KF5YIW



<b>GETTING RADIO ACTIVE cont'd - Activities Report, Schedule of TRO Events</b>
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<b>ACTIVITIES REPORT cont'd – Tom Stroud, KD5OPH</b>
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Day 2 - Saturday July 26th:

Command Staff Operations:

Tommy Stroud - Com Director

Doug Lee - Net Control

Stan Callahan - Welfare 1, Field Operations

Ben Joplin - Welfare 2 / Net Control Back-Up / Field Operations APRS. Technical Support

Field Operations:

Fred Williams - VIP. Gate / Weather Recon

Paul Young - Gate 1

Joseph Hodgson - Gate 2

Ed Compos - Gate 3

Pete Visser - Main Stage

Kenneth Baucum. - Medical Tent

Chase Crum - Stage 2, Tulsa World Stage

Gary Parham - Guthrie Green Stage, Medical Tent after 10:00 pm

### **Bike MS Oklahoma 2014**

Saturday & Sunday 20 & 21 SEP 14

Bike MS is one of our major events for the year. It is a 2 day event. September is a very busy month for us, with 2 PR activities and 2 supporting events along with the MS event on the slate. Please if you are attending the ms bike event I need to know as soon as you can tell me.

Remember we are required to pre register on line at "bikemsok.org" before you can attend. This is required by Promote Line this year. I will also need to know what days you are working and have registered for.

The course is different this year and will require additional operators to keep it covered. This event was voted in at the first of the year as I give my word we would do. It was our choice by vote to support this event no matter what other commitments we have. In a word "we need your help"!

### **Dam Jam 2014**

Saturday 06 SEP 14

The TRO will provide communications and SAG support for this scenic bike tour or the dams in Mayes and Delaware Counties. All rides begin and end at Whitaker Park in Pryor OK. Briefing is at 0600 and support for the rides continues into the afternoon. For more information about the event itself, check this website:

<http://damjambicycletour.com/>

### **CF Cycle for Life – NIGHT RIDE**

I have received an Application for Event Communications from the Cystic Fibrosis Foundation for a bike event on October 3rd. That would be a Friday Night event; looks like bike rides of 20 and 40 miles. With around 150 bikes the starting point will be at River Parks West. Looks like we will need a minimum of 6 operators by their request.

All of our events are by a vote of members present at the meeting. They are not the decision of one as I have promised. I will be submitting this event to members at our August meeting for a vote of attendance.

(continued on next page)

<b>OTHER PUBLIC SERVICE EVENTS</b>
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<b>Tulsa Amateur Radio Club Events</b>
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<b>Tulsa Bicycle Club Fall Century</b>
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Saturday, 27 SEP 14
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Whirlpool Plant
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US 75 & 76 <sup>th</sup> Street North
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Tulsa OK
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To volunteer for TARC events, contact Jay Eimer, AD5PE, at <a href="mailto:ad5pe@arrl.net">ad5pe@arrl.net</a> or 918.852.2885 or 918.371.9137.
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**GETTING RADIO ACTIVE cont'd - Activities Report, Schedule of TRO Events**

**ACTIVITIES REPORT cont'd – Tom Stroud, KD5OPH**

**CF Cycle for Life – NIGHT RIDE**

Because of the timing I will go ahead and open a Facebook event page for this bike ride so that I can get an idea of how much support and interest we will have. This event will be listed as pending a vote of members.

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

**GREEN COUNTRY HAMFEST UPDATE – Merlin Griffin, WB5OSM**

Planning for the 2015 Green Country Hamfest got back underway this month. The committee usually meets on the second Thursday of the month 1900 hrs at the Rib Crib BBQ 81st and Yale. Although a meeting or two may be held someplace else, we plan on being at the 81st and Yale Rib Crib at least through October. Anyone interested in helping with the big show in March is more than welcome to attend.

The Green Country Hamfest for 2015 will be held March 13-14 at the Claremore Expo Center. In 2016, due to changes in the basketball schedule of the Rogers State University Hillcats we will most like move the Hamfest into April, but again that is not until 2016!

**ARES UPDATE – New Tulsa County EC**

Tulsa County Amateur Radio Emergency Service has a new Emergency Coordinator: Paul Teel, WB5ANX. He was railro, uh, appointed back around July 23<sup>rd</sup>, and ran the ARES net the following week on the 31<sup>st</sup>, for his first time running a net. Thanks Paul for taking on this important role in ham radio!

Paul has also mention that he and Nathan Huffstetler, AE5NK, Zone 5 District 1 EC, are working on plans for a Simulated Emergency Test and Hospital Net exercise in the Fall.

Here is Paul's contact information:

Paul H. Teel, WB5ANX  
 Tulsa County Emergency Coordinator  
 Amateur Radio Emergency Service  
 918-461-4137 (office)  
 918-640-6000 (cell)  
 WB5ANX@arrl.net  
 www.aresok.org

**CLUB MEETINGS**

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

1900 (7PM) Tally's Cafe, 11<sup>th</sup> & Yale

Schedule for 2014: 26 AUG 23 SEP 28 OCT 25 NOV  
 DEC TBD

**Tulsa Amateur Radio Club** Third Tuesday of the month

1900 (7PM) Keplinger Hall, TU Campus, 5<sup>th</sup> & Harvard

Schedule for 2014: 16 SEP 21 OCT 18 NOV DEC TBD

**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 SEP (Tuesday due to holiday)  
 06 OCT 03 NOV 01 DEC (tentative due to holiday)

**American Airlines Amateur Radio Club**

Last Saturday of every EVEN numbered month

0900 (AM) Martin East Regional Library

26<sup>th</sup> & Garnett

Schedule for 2014: 30 AUG 25 OCT 27 DEC



**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](mailto:WB5OSM@hotmail.com)

Schedule for 2014: 18 SEP 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](mailto:ae5mm@arrl.net) or 918.638.2393 (text msg or voice)

Schedule for 2014: 06 SEP 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](mailto:AC5II@arrl.net) or 918-379-0962

Schedule for 2014: 12 OCT 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](mailto:k5ena@cox.net), or 918 346-8284

Schedule for 2014: 31 AUG 26 OCT 28 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/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](mailto:wa5lvt@tulsahamradio.org) or write to:



**Tulsa Repeater Organization**

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