



THE SIGNAL

Tulsa Repeater Organization

TRO's Official Monthly Newsletter

Volume 46 Issue 5

June 2013

PRES SAYS BY STAN CALLAHAN—KE5HPB



First up I want to say thank you & welcome to Charles Burka for becoming our new Membership Chair Person. Talking with him I can see he is fired up and has some fresh ideas for new members.

June 1st was the Tour-de-Cure ride. I want to thank all that came out and helped. With the rain/storms from the night before and the week before the event almost didn't happen!! It got off to a delayed start and they canceled the 75 mile ride because of some flooded roads in the Haskell area. I also want to say Good Job to Jim Danforth!! He was put into a situation that he diverted injury to some of the riders from a "road rage" motorist.

June 1st was also the day that we put the new photo/bar coded ID's in action. This has received good reviews from Tulsa Police Officers that we have worked with. I did the design and did the printing of the badges. Ed Compos had the laminating machine that I used to finish the badges. TRO only paid for the materials that I used to finish the ID's. This came to a cost of less than \$1.00 each. If you plan to work an event & haven't received your new ID yet, you need to get me a photo about the size of the photo of your driver's license.

Field Day is June 22 - 23 2013 at Chandler Park with TARC. TAEMA was to join us for Field Day but has decided to join the U. S. Army Corps of Engineers for an exercise on that weekend. Field Day arrangements are the same as the last 2 years with TARC.

Because of Field Day there will not be a monthly Tuesday meeting.

I received an e-mail from Rick Balinger this past month. Rick has informed me that Alan Miner KB5JLM has recently passed away. He did not give me a date of when this happened. I know that some of you did know Alan. He will be missed. Our prayers go out to his family and friends. Joe Gorkos and I will be going to his house this month to take down the antennas from his home, as it is being prepared for the estate settlement. TRO is being given the antennas and hardware to be used with-in the organization.

Next month we have a new event we have been asked to support. It is the Duathlon on Sunday, July 14. More on this from Tom Stroud—KD5OPH as information is available. Watch the TRO Signal Bulletin and www.tulсахamradio.org as well as listen for a DVR announcement on the 146.88 repeater.

Stan Callahan
KE5HPB

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The next TRO meeting will be Tuesday, July 23rd starting at 1900 at Tally's Good Food Cafe 1102 S Yale

No meeting in June. It's time for Field Day!



MEETING MINUTES BY ED COMPOS—K5CRQ



Minutes will be here.

**TREASURER’S REPORT BY STEVE MILLER—AA5V
THROUGH 06/24/2013**

TRO Beginning Accounts Balance :		\$4317.80
Checking beginning balance:		\$2074.04
06/04 Stan—KE5HPB Badge Supplies	-13.55	
06/12 Deposit2-renewals	+\$50.00	
Checking ending balance:		\$2110.49
Beginning savings balance:		\$1913.45
Interest:	+\$0.32	
Ending savings balance:		\$1913.77
PayPal beginning balance:		\$330.31
1 renewals	+\$30.00	
Fees	-\$1.17	
PayPal ending balance:		\$359.14
TRO Ending Accounts Balance :		\$4383.40

NEW TRO MEMBERS:

Lewis Montes—KF5VSC

Welcome to our new members on the repeaters and to join into any and all TRO activities.



ACTIVITIES BY TOM STROUD—KD5OPH

TRO would like to say Thank you and Job well done to those that were part of our communications team at Tour de Cure 2013.

Team 1 - 25 mile Route:
Sweep A - Stan Callahan
Sag 1 - John Grace
Sag 2 - Jim DanForth

Team 2 - 50 mile Route:
Sweep C - Brian Lee Gnad
Sag 3 - Paul Young
Sag 4 - Ray Young
Sag 5 - Bart Pickens
NCO / APRS - Ben Joplin
Com Director - Tommy Stroud

So it is getting close.. Field Day! ... Field Day! ... Field Day! ... Field Day!

When - Saturday June 22nd to Sunday June 23rd

Where - Chandler Park in West Tulsa

What Time - Noon on Saturday or when you get there

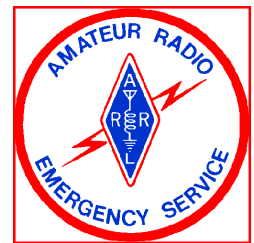
Dinner Saturday night - Bring a Side Dish let me know what you plan to bring so we don't all have the same thing.

Come on by and see us - stay for the day or over night, that's up to you.

Tents and RV Campers are welcome just let us know so we can plan for you.

Lets make it the best Field Day ever.

Tommy Stroud—KD5OPH
TRO Activities Chairman



ARES/RACES Net Thursday evenings at 2000 local time on the 443.85 Super Link System.

SPECIAL REQUEST FROM GREEN COUNTRY HAMFEST, INC. BY MERLIN—WB5OSM

John Harwell—KD5NAQ secretary and vendor chair for the Green Country Hamfest Committee had to resign his position. This is due to his wife's very serious illness. He is spending much of his time taking her for medical appointments and procedures that his participation with the hamfest will be very limited. We really appreciate John's dedicated service over the last several years. The committee his resignation with deep reluctance. However, we respect that his first loyalty is to his family. We wouldn't want it any other way.

With that said, we are looking for someone to step into that position. You would need to take notes during the committee meetings, and help

recruit and organize especially the commercial vendors at Green Country. The committee has taken the summer off and our next official meeting will be in August. If you are interested in helping with the planning of the Green Country Hamfest, please contact me.

Merlin Griffin—WB5OSM at
 WB5OSM@hotmail.com or call (918)520-7668.
 Your club affiliation is not important. The committee is composed of members of TRO, TARC, BAARC, RCWA, AAARC and others.

Merlin—WB5OSM
 President, Green Country Hamfest, Inc.

What's Happening With The Repeaters?

Steve Miller—AA5V

Joe Gorkos—N5TEX Engineering Chair, Ben Joplin—WB5VST Vice-President, Merlin Griffin—WB5OSM Trustee and myself made a trip to CityPlex to work on 146.88 both at the transmitter and at the antenna's on the roof the evening of 06/19/13.

While Joe & Merlin worked on replacing the N-Type connector on the Heliac at the transmitter, Ben and I checked out the antenna's and feedline on the roof.

When this project was started the Standing wave measured 5:1 at the transmitter Heliac feedline input to the antenna. When I measured the SWR at the antenna it was about 3:1.

Ben and I cleaned things up at the connector of the antenna and brought the SWR down to about 1.8 or 2.0 : 1. Still not really acceptable for a one frequency antenna. The antenna is showing its age and will be replaced.

While on the roof we checked for the type connector used at the end of the coax going to our UHF uplink antenna because we would like to replace it with a dual band antenna for better separation of the transmitter and local receiver.

Ultimately I think we ended up with something

less than 2:1 SWR and what we did was come up with a few more projects. A new antenna for the transmitter, new antenna for the receivers, a diplexer for the receivers and an alignment of the transmitter exciter.

One other thing found out with this outing is that we can schedule to get on the roof other than regular business hours.

For 146.94: I will get an antenna ordered for the repeater and a couple of us will get together to take it to the Sun Building and get it on the air very soon.

444.1: It is about the same as 146.94, we just need to get it taken to the Skyline East building and plugged in. I think we'll get that scheduled soon.

Not much on the activities list for a while so recruiting some help shouldn't be a problem. Hi hi. It never has been. Thanks everyone.

Thanks to Joe, Ben and Merlin for the help at Cityplex Wednesday evening June 19th.

TRO REPEATER STATUS		
Frequency	PL	Status
146.34/94	none	Down
146.28/88	88.5	Up
	141.3	Up
146.205/805	none	Up
449.1/444.1	88.5	Down
449.725/444.725	88.5	Up
449.95/444.95	none	Up
ATV 421.25	none	??



Do you want a TRO shirt? There may still be a few left. Check with Charles Burka—KE5AHE (TRO Membership Chairman) at membership@tulsahamradio.org or give him a call on 146.88 to see if he has the size you need.

These shirts are being sold for \$10.00 each.

AREA AMATEUR RADIO TESTING

Third Thursday of odd numbered months.
7:00 P.M. at the Red Cross building at 11th & 169.

Contact Merlin Griffin
Phone 918.520.7668
or email
wb5osm@hotmail.com

First Saturday of odd numbered months.
0915 to 1100 at Hardesty Regional Library
8316 E 93rd Street
Tulsa, OK 74133
2013 Schedule:
January 5th
March 2nd
May 4th
July 6th
September 7th
November 2nd

Walk-ins Welcome until 0945
Contact Loyd—AE5MM
AE5MM@arrl.net
or 918.638.2393 (text msg or voice)

Second Saturday of even numbered months,
9:30 A.M. at the Church of Christ, 505 E Kenosha Street, Broken Arrow.
Walk-ins welcome.
Contact: Don Doyle—AC5II at
ac5II@arrl.net
or 918.379.0962

Last Saturday of even numbered months
10:00 A.M. to 11:00 A.M. at the Martin East Regional Library
2601 S Garnett Road
Tulsa, OK.
Contact: John—K5ENA at
K5ENA@cox.net
or 918.346.8284.

THE TRO WISHES TO THANK THESE SUPPORTERS

Tower Properties (CityPlex)
Tulsa Tech College
Bates Realty
City Of Tulsa
City of Skiatook
Liberty Fire Department

The TRO Proudly Serves Our Community and



**Saturday & Sunday
June 22 & 23**

TRO & ARRL Field Day—at Chandler Park together with TARC.

**Sunday
July 14
??**

Tulsa Duathlon — More information soon. Check www.tulsahamradio.org
Tulsa Repeater Organization on Facebook
Yahoo! Group WA5LVT and listen for announcements on 146.88.



Tulsa Repeater Organization

P.O. Box 1422
Tulsa, OK 74101

Mail To:

For more information about the *TRO* visit www.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.net or write to:

Tulsa Repeater Organization
P.O. Box 1422
TULSA, OK 74101-1422

TRO officer contact information:

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@hotmail.com

Committee Chairperson contact information:

Membership	Charles Burka	KE5AHE	918.445.6832	membership@tulsahamradio.org
Activities	Tom Stroud	KD5OPH	918.695.3735	kd5oph@tulsahamradio.org
Engineering	Joe Gorkos	N5TEX	918.230.8243	n5tex@tulsahamradio.org
Public Rel	Open			
Op Standards	Gary Parham	KC5ZQP	918.640.6665	kc5zqp@aol.com
By-Laws	Bud Blust	WA5QDZ	918.747.3704	debtfree@ionet.net
Past Pres.	Mark Conklin	N7XYO	918.366.2007	n7xyo@arrl.net