



# THE SIGNAL

**Tulsa Repeater Organization**

**TRO's Official Monthly Newsletter**

**Volume 43 Issue 7**

**July 2010**

## PREZ SAYS BY TOM STROUD—KD5OPH



Now that summer time is here, probably the thing on most of our minds is to stay home under the air-conditioning as the mercury edges close to 100F with heat indexes even higher I would very much agree. Even with that in mind TRO has stayed active in the last month and yes the heat has been a strong obstacle to deal with. It takes dedicated pole to want to get out in these kind of conditions and operate some radios for that we are very grateful for your ongoing support to our magnificent club.

This years Tulsa Triathlon was our first event of the season that we had to deal with some high heat. This event is put on by Fleet Feet of Tulsa an organization set up to serve the thousands of people who like to Ride, Run and Swim for their time of fame as they complete a 5K run or 75 mile bike ride I am amazed at the amount of pain and sweat that these people are willing to put forth to complete that. I am standing there in the smelting heat and they are still running and riding without stopping. God bless them for their accomplishments. Fleet feet has grown to really depend on amateur radio for that just perfect kind of event communications that they need. The Participant are more at ease when they see our volunteers watching over things. If a rider goes down with a flat tire or a medical condition we are their getting them the help they need Fire, Medical or Police we can get things started their direction. Some times that last 10 miles just might be a bit to much and they may decide to call it a day and sure enough we are their ready to drive them back to the starting point that to me is what public service is all about to become a volunteer takes one thing the heart to want to help and the passion to train and be ready to respond when needed. Without the heart the back can do no good and let me be the one to say our radio volunteers have the heart and the drive to do the job when called. It may be a major event like a hurricane, tornado, flood or just a Saturday afternoon fun run, the point is we are there helping, watching, working and doing what we live for, Radio Communication. And when you take in to account that the funds raised during these events goes to support great organizations like The United Way, American Red Cross, and the American Diabetes Association it is just a double

reward, so to speak, because these organizations have one thing in mind, to help people and they do it well. During The Tulsa Triathlon we had an opportunity to invoke some new technology into our toolbox. It is called APRS. A sort of global positioning for amateur radio giving us the ability to track our volunteers position during the event and some of them may cover as much as a 100 miles or more. So being able to see them on a map just really makes it so much better. If you have not heard of APRS look in to it you may find it to be very useful. We operated three active beacons during the Tulsa Triathlon and when things got serious with riders needing help APRS really give us a clear picture as to position of our people. Thanks go out to Ben Joplin WB5VST for making APRS a part of TRO's event equipment we have added to more working mobile APRS kits to use during The Route 66 Quarter Marathon and when all is said and done we will have 8 mobile APRS stations and a NCO command central monitoring station to let the NCO know the position of the operators out in the field. Big Thank You to all that helped out with the Tulsa Triathlon this year.

On June 26<sup>th</sup> and 27th TRO and TARC got together for Field Day 2010 at Chandler Park in west Tulsa. With our last two years spent together at The Tulsa Health Department started by Rick Leach we wanted to continue the trend but maybe in a more tenable area. After talking to Nathan we decided to join with them for a group Field Day at the country like setting in Chandler Park. This was a first time for me but I found it to be a very nice area with shade trees and kind of quite and peaceful. A nice place to have a field day and on high ground to boot. Take the best of what we have and the best of what they have, put that all together and you end up with one awesome field Day. Friday night we had the privilege of watching a free concert The David Mathews Trio. Hey, for a free concert it was pretty good and after the hamburger burn and dog roast for dinner courtesy of TARC it was a great way to close the evening and set the mood for a terrific Field Day. Saturday morning started early with a beautiful morning ski picture like. At 800am ITS systems arrived with our 100 Foot Tower provided to us for 1 dollar. Thanks go out to ITS. After getting the tower set up with an 80 meter long wire provided to us by Jay. We

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**The next TRO regular meeting will be Tuesday, July 27 at Ryan's Family Steakhouse 10934 East 21st Street.**



**PREZ SAYS BY TOM STROUD—KD5OPH**



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all got together for the noodle I just can't thank of a Field Day being Field Day if you can't put up the noodle. You have got to see this thing. It is a multi sectional mast in 3 foot sections and supported by a vast array of ropes every 10 feet or so. Takes a lot of coordination and team work to put up the noodle and do it right. Dinner was barbeque provided by TARC. It was an awesome dinner loved by all. Saturday was a hot one, but a good day for the most part. Well Sunday morning started early and it looked rainy with a 100 foot tower in the air, storms are not the thing you want to see. After a few cups of coffee from Stan Callahan it just wasn't looking any better. The skies are getting darker and grayer. That's the time to bring the tower down. With the help from Stan and Jay while Ben and Larry Holden sleep with our breakfast locked up in the EMTRACK. We went to work. We look like pros. We had the tower down, tilted over, locked and secured, jacks pulled and ready for inspection. Of course we did all of that while it was raining. Good job guys. Thank You very much. Well the rain kind of cut our field day short, but what has to be will be. Lightning and high antennas don't go well together. Now, as far as I know, radio communication went well with some long range contacts in the states. Not sure of the longest contact made, but when the bands opened up it was hopping. Field Day, you just have to be there. Thanks to all that came out to support Field Day 2010.

Looks like all assignments will be stationary. Probably need 10 to 15 for this one. I think we can expect in the range of 2000 to 2500 runners for this event. Nothing like the full Marathon in November, but, pretty substantial event to work. We will have APRS working. If we have to start moving around, the NCO will have a central monitoring station set up. So, come spend a hot Saturday with us at the Tulsa Route 66 Quarter Marathon. Let me Know if you would like to help. Don't forget your Radio....

TRO Club President Tom Stroud KD5OPH



OK, August 7<sup>th</sup> will be the Route 66 Quarter Marathon. That's a Saturday and it probably will last till 4pm. Starting time is about 730am. So plan to be their at around 630 or 700am.



**TREASURER'S REPORT BY GARY PARHAM—KC5ZQP**

**Treasury Report 7-11-10 for June 2010**

<b>TRO Accounts balance beginning :</b>		\$ 2890.07
Checking beginning balance:		\$ 319.38
Check 3170 (aprs case liners)	-\$ 126.62	
Check 3171 (web host)	-\$ 119.40	
Deposit 6-22	+\$ 225.00	
Checking ending balance:		\$ 298.36
Savings beginning balance:		\$ 2297.43
06-30-10 interest:	+\$ .75	
Ending savings balance:		\$ 2298.18
Paypal Account beginning:		\$ 273.26
Ending Paypal balance:		\$ 273.26

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**TRO Ending Accounts balance :** \$ 2869.80

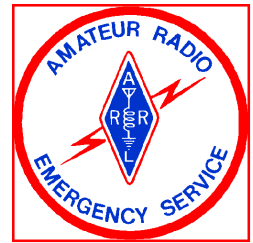
Respectfully submitted by Gary Parham-KC5ZQP

**Remember the July TRO meeting is Tuesday, July 27th at Ryan's.**

FIELD DAY 2010 PICTURES



Tulsa Repeater Organization



ARES/RACES Net Tuesday evenings at 2100 local time on the 146.88 repeater with back-up on 146.94



**ENGINEERING REPORT FROM STEVE MILLER—AA5V**

**146.88:** Ben Joplin—WB5VST and myself visited the roof of CityPlex to check the transmit antenna for the 146.88 transmitter. We found the mast for the antenna leaning over at a 45 degree angle broken away from it's supports. The pictures to the right show what was found and what we did to fix it. Another trip must be made to install a new jumper from the antenna to the Heliac then we will be in good shape with no feedline able to swing in the air.

**444.1:** Merlin Griffin—WB5OSM reports he is down to the final touches on the 444.1 repeater. He has put an antenna outside and is still testing. He is close to saying it is ready to install back at it's home at the Skyline East building.

**TRO REPEATER STATUS**

Frequency	PL	Status
146.34/94	none	Down
146.28/88	88.5	Up
146.205/805	88.5	Up
449.1/444.1	88.5	Down
449.725/444.725	88.5	Up
449.95/444.95	none	Up
ATV	none	Up
421.25/434.25		



## 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 520-7668 or email  
wb5osm@hotmail.com

First Saturday of odd numbered months.  
9:30 to 11:00 A.M. at Hardesty Regional Library  
8316 E 93rd Street  
Tulsa, OK 74133

Walk-ins Welcome  
Contact Tom—K5EHX  
tom@k5ehx.net  
or (918)835-7889 and leave message.  
Talk-in on 146.55 simp

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 379-0962

Last Saturday of each month 10:00 A.M. to 11:00 A.M. at the Martin East Regional Library  
2601 S Garnett Road  
Tulsa, OK.  
All testing by appointment ONLY. Please contact Pete—KF5RD at mann.p@cox.net or 918.437.4846.  
[Always check with Pete. This group changes scheds regularly.](#)

### THE TRO WISHES TO THANK THESE SUPPORTERS

Tower Properties  
Tulsa Tech College  
Mid-Continent  
Bates Realty  
City Of Tulsa

City of Skiatook  
Liberty Fire Department

### The TRO Proudly Serves Our Community and



**Sunday, August 7**  
7 AM thru 1PM

Route 66 Quarter Marathon—0700 till around 1300

**Sunday, Nov. 21**  
6:30AM thru 3PM

Route 66 Marathon—0630 till around 1500



**Tulsa Repeater Organization**

P.O. Box 1422  
Tulsa, OK 74101

Mail To:

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**For more information about the *TRO* visit [www.tulсахamradio.org](http://www.tulсахamradio.org)**

Want more information about the ***Tulsa Repeater Organization*** or have questions about articles in the newsletter, contact us at email address [wa5lvt@tulсахamradio.net](mailto:wa5lvt@tulсахamradio.net) or write to:

***Tulsa Repeater Organization***  
P.O. Box 1422  
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Secretary	Ed Compos	K5CRQ	231-7730	k5crq@cox.net
Treasurer	Gary Parham	KC5ZQP	369-1055	kc5zqp@aol.com
Trustee	Merlin Griffin	WB5OSM	520-7668	wb5osm@hotmail.com

**Committee Chairperson contact information:**

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