



# THE SIGNAL

**Tulsa Repeater Organization**

**TRO's Official Monthly Newsletter**

**Volume 42 Issue 9**

**September 2009**

**PREZ SAYS—TOMMY STROUD—KD5OPH**

Well, we have had a lot of things happening this month, went up yesterday, Saturday the 12th, to help out with the Dam JAM 2009. First of all I would like to give a big thanks to Mike Orange— N5YIQ for all his work in keeping everybody on track and the net operating smoothly. I thought everything went very well and it was a well organized and managed event. You have to keep in mind it is at these kind of activities where Amateur Radio shines, and in all honesty it is not the radios that make us needed, it is our ability to be organized and handle things in a controlled operation. That puts us a step over the blackberry cell phone and computer. My point is that if two cans and a string would provide adequate information transmission, we could operate just as good if we maintained the organization needed. Think about it, you could have a net with smoke signals and a flashlight. The technology makes the job easier but our training and organization make it successful and beneficial to others. The radio is a tool like a screw driver or hammer but you the operator make it into what it is. And if you want to test that, turn on your radio and let it set. Does it report a biker just went through a barbwire fence and is bleeding profusely, or 5 bikes went down and we are checking for injuries? "No but Rick Leach did at Dam JAM 2009". Does it see the wall cloud with rotation and report immanent danger to the areas it is approaching "No but the Skywarn Spotter will". Does it hear the cries of someone in a Hurricane 1000 miles away stranded on a roof needing food, water and immediate rescue "No but Ben Joplin— WB5VST did". Does it see the runner that just went down and now not breathing? Does it react to these things and take action to help because that is the heart felt thing to do. "No but you the Amateur Radio Operator will". That is what has made Amateur Radio what it is today. The technology is great but don't ever forget there is an operator making it all come to life.

In order to gain some new operators and members for our club, we have invoked a "bring a friend to the meeting promotion". Here's how it works. If you are a member of TRO bring a visitor or friend to one of our Regular meetings. The club will reimburse you up to \$20.00 toward your dinner that night. Now keep in mind we

are looking for new people that might want to join our Club, therefore, they do not have to be a licensed HAM operator. But should have an interest in becoming one. For the visitor they will have 5 days to decide if they would like to join our club. If they join before the 5th day at midnight **TRO** will deduct 25% toward their prorated annual dues till the next renewal date. In order to receive the \$20.00 reimbursement we expect you to be an Elmer for your visitor at the meeting and for the next 5 Days. If your visitor becomes a member before the 5 day period is over, we will place your name in a drawing for a very nice gift to be given away at the December Christmas Party. Anyone who brings 5 visitors will have their name entered for each 5 visitors they bring. The one that brings the most visitors will receive a very nice gift at the December Christmas Party. So grab a non member friend and bring them to a meeting before December.

To say thank you for all your hard work during nightly nets, Skywarn weather emergencies, bike events such as Tour De Cure and Maple Ridge Run, marathons and running events like Fleet Feet and Route 66. The **TRO** would like to have an Operators Appreciation Overnight Campout. It was planned to start September 26th at 8AM Saturday morning and last till Sunday afternoon on the 27th at the Okmulgee Lake Red Oak Camp Ground. Now it has been found that the park will be full that entire weekend. It's back to the drawing board and more about the camp-out will be discussed at the next **TRO** meeting. The **TRO** was planning to provide dinner Saturday night at 6:30PM and breakfast Sunday morning at 8:30AM. We are planning to have a movie night for chase video or movies and there will be a "campfire get together Saturday night.

It was all just our way of saying thank you for all the support you have given for the **TRO** and amateur radio.

73's, Tom Stroud—KD5OPH

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**Need help for the Route 66 Half Marathon November 22nd.**  
See page 3 of the Signal for more details.

**TRO Meeting**  
**Tuesday, September 22, 2009**  
**Starting at 1930 at Ryan's Family Steakhouse 10934 E 21st**


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

**TRO Treasury Report 9-13-09 for August 2009**

Total Accounts balance beginning:	\$3398.17
Checking beginning balance:	\$605.41
Check 3156- field day supplies -	-\$104.04
Check 3157- field day food -	-\$20.41
Check 3159- TRO web site host -	-\$119.40
Check 3160- repeater parts -	-\$79.65
Checking ending balance:	\$281.91
Savings beginning balance:	\$2289.80
8-31-09 interest	+\$.78
Ending savings balance:	\$2290.58
Paypal Account beginning:	\$502.96
9-7-09 -Renewal ( K5BBM ) -	+\$25.00
9-7-09 -Service charge -	-\$1.03
Ending Paypal balance:	\$526.93
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-	
Total Ending Accounts balance:	\$3099.42
Respectfully submitted by Gary Parham-KC5ZQP	

As everyone knows the TRO is a member funded group and we have several projects planned and several in the works as we speak. Everyone, if you would please check the TRO roster on the internet at [www.tulсахamradio.org/roster.htm](http://www.tulсахamradio.org/roster.htm) to see if your membership dues have been paid for 2009/2010. If you are not listed in the roster, then the books are showing your dues have not been paid for the 2009/2010 fiscal year of the TRO. We truly appreciate everyone's continuing support of the TRO! Only \$25.00 a year to keep the equipment in repair and fund other activities of the club.

**MEETING MINUTES BY ED COMPOS—K5CRQ**


Meeting called to order at 19:30 hours August 25, 2009 by Tom Stroud—KD5OPH president at Ryans steak house.

Meeting started out with introductions of all present and we had guests Mark Magreevy—N5PNE and William St. John - KD5SAW. Thanks for dropping by.

The Route 66 Half Marathon will be November 22, 2009.

We will need operators for this event. Please contact Tom kd5oph if you can help.

We are having a camping weekend for all members Sept 26-27, 2009. Please check [www.tulсахamradio.org](http://www.tulсахamradio.org) for more info.

Most of the repeaters are up and operating well.

Treasurers report was given by Gary Parham - KC5ZQP. Motion made Ben Joplin - WB5VST and seconded by Stan Callahan - KE5HPB to accept. Motion approved on vote of the floor.

Tom - KD5OPH presented an idea to increase membership. Starting 9-01-2009 to Dec 2009 Bring a guest to the meeting and you must elmer the person for five days and if they join the club their dues will be \$15.00 for the first year. You will then get up to \$20.00 for their original meal when you first brought them to the meeting.

Motion made by Lynn Adair and seconded by Ben Joplin—WB5VST to do this. Motion passed on vote.

Motion to adjourn by Ed Compos - K5CRQ and seconded by Ben - WB5VST,

Passed on vote meeting closed at 20:50 hours.

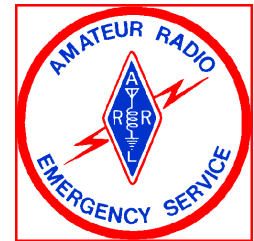
**Route 66 Half Marathon - Sunday, November 22, 2009**

**Need 20 Operators for Safety and Water Station Assignments Over 500 Participants**

Our Primary Function: Safety Communication and Position of Participants  
Operation Freq: 146.940 repeater back up 146.880 repeater

To volunteer contact KD5OPH  
918-695-3735 or email [kd5oph@tulsahamradio.org](mailto:kd5oph@tulsahamradio.org)

**Thank you very much for your help and support for all of the Public Service Events this year for TRO and Fleet Feet of Tulsa.**



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

**BY MARK CONKLIN—N7XYO  
A-SEC ARES OK ZONE 4 & 5 EC**

**THANKS FOR HELP WITH THE DAM J.A.M.  
FROM JIM BEACH, ORIGINATOR**

We had just about thirty people attend the Zone 4 & 5 meeting in Tulsa on Saturday, September 5th.

It was great to see so many leaders & volunteers there.

Topics discussed were:

- ARES is a Non Governmental Organization (NGO)
- Develop relationships with your area served agencies.
- Where we are - where we need to be.
- Recruiting - Technicians and Emergency Communications (ECOM) classes to bring in new volunteers
- The upcoming Simulated Emergency Test (SET) .
- Be ready

We handed out CDs packed full of good info and documents about ARES, Public Service and Emergency Communications.

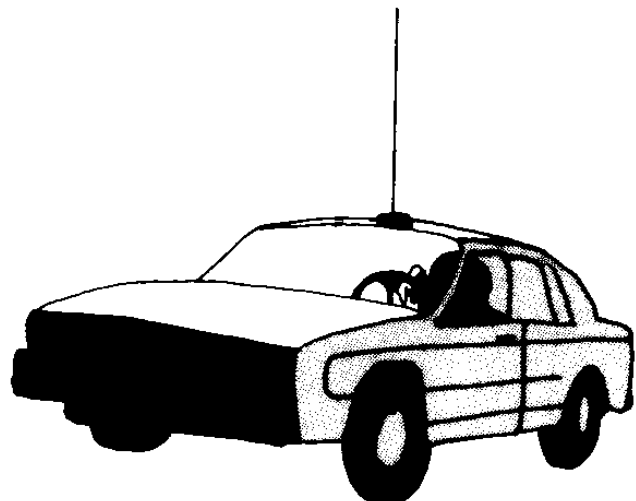
Plus, shared a Power Point presentation about ARES OK, which is now posted on the ARES Oklahoma yahoo group.

Special thanks to Dean Feken—KL7MA Oklahoma Section Manager for attending the meeting.

Thanks to everyone for taking time away from work and home to attend the meeting.

On behalf of all of us at DAM J.A.M. I want to say thank you very much for your time and great help Saturday. Some of you had little experience going in and were unfamiliar with the routes. I didn't get a chance to talk to all of you but Mike and Terry on the century fell right in to the rhythm and kept it going all day. From what I heard from Marie and Jerry, those of you on the other routes did a great job as well. I hope you enjoyed the experience and will consider helping again next year. Thanks!

Jim Beach  
oooooooooooooooooooooooooooooooooooo  
Great Oklahoma Bicycling.



**ENGINEERING REPORT FROM STEVE MILLER—AA5V**



**146.880**—Steve Miller—AA5V  
 John Brudvik—KC4URD is doing final testing on the link system for 88 that belongs at the Mid-Continent Building site. I have seen the package and John has done a great job with the rewiring. John and I will be getting together soon to test the unit with the service monitor to confirm things are ready to go back in service. We are hoping the rewiring fixed the audio and the link package will be installed soon.

**444.1:** Reports from Merlin Griffin—WB5OSM  
 Still making progress toward having this repeater back on the air.  
 When testing I found the audio with hardly any highs and investigating I found a place on the foil inside the RB-1 that had been burnt but think that has been repaired with solid wires. I have found there may have been several modifications made to the RB-1 over its life. I checked on buying a new RB-1 and they are no longer making the RB-1, but, they would be interested in repairing the one we have. After comparing the schematic with the circuit board some more I decided the best thing to do would be to send the unit to the Doug Hall folks and let them get everything back to original so I have a definite starting point. If their repair estimate comes back too high I will start looking for another type of remote base controller to get for the repeater.

**421.250 MHz ATV:**—Bud Blust—WA5QDZ and Tim Diehl—KB5ZVC are getting this ATV repeater back on the air as a **TRO/TARC** joint venture. This repeater will have a continuous KTUL channel 8 weather radar picture. It will have input frequencies to be used as a repeater, but, I have not found out what those frequencies will be. The repeater will be located on the Channel 8 studio tower on Lookout Mountain where the 900 MHz TARC ATV repeater was located.

**444.725:** Have not received an update about the EchoLink on this repeater lately. The repeater itself is doing a great job for ragchewing, etc., though.

**444.95:** Bud Blust—WA5QDZ now has a repeater controller in hand to install on this repeater. It is the controller that was used on the 444.725 repeater for years. He will have it in service soon.

**146.94:** The problem with the repeater transmitter losing output power if it is used for more than five or ten minutes has not been fixed yet. There is still that problem of not being able to get to the transmitter site. I am trying to find out if our insurance liability amount could be changed from \$2M to \$5M for only a day that the coverage is necessary. One of the requirements to be on the tower is a \$5M insurance policy. Then with a channel 6 approved trained tower climber being the only one that can actually be on the tower maybe they can take a muffin fan or two up and find out if that is the problem with the transmitter, it's getting hot.

I am getting closer to having the new 146.34/94 repeater ready to go, at which time we will try to have a link package on the tower for the 88 repeater and we will install the 94 repeater at the Mid Continent Building.

**From the editor:**  
 Is there anyone in the **TRO** that would like to take the Signal editing and writing over?  
 This could be taken on without taking the full responsibilities of Public Relations Chairman if you wish.  
 I simply do not have the time nor the talent to put together a quality newsletter that our membership deserves. Our by-laws require a monthly newsletter be written and distributed to the membership.  
 If you are interested, contact Steve Miller—AA5V email [steve@aa5v.com](mailto:steve@aa5v.com) Phone: 381-8574 or Tommy Stroud—KD5OPH the **TRO** President: [KD5OPH@tulsahamradio.org](mailto:KD5OPH@tulsahamradio.org)  
 Phone: 695-3735  
 Thanks Steve—AA5V

**TRO REPEATER STATUS**

Frequency	PL	Status
<b>146.34/94</b>	none	Up
<b>146.28/88</b>	88.5	Up
<b>146.205/805</b>	88.5	Up
<b>449.1/444.1</b>	88.5	Down
<b>449.725/444.725</b>	88.5	Up
<b>449.95/444.95</b>	none	Up

## 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 TWU Local 514 Union Hall 11929 E Pine, Tulsa, OK.  
All testing by appointment ONLY. Please contact Pete—KF5RD at  
tulsaham-test@sbcglobal.net  
or 437-4846.

### 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



**Saturday, Sept. 26** *TRO Communicators Appreciation Campout - Has been cancelled*

**Sunday, Sept. 27** *TRO Communicators Appreciation Campout - Has been cancelled*

**Saturday, Nov. 7** [Enid Hamfest](#) - Always the first Saturday of November

**Sunday, Nov. 22** [Route 66 Half Marathon](#) - TRO providing communications. Click on Route 66 Marathon for more information

**Saturday, Dec. 5** [Skywarn Recognition Day](#)





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  
TULSA, OK 74101-1422

**TRO officer contact information:**

President	Tom Stroud	KD5OPH	695-3735	starman05106@sbcglobal.net
Vice-President	Ben Joplin	WB5VST	396-1651	wb5vst@tulсахamradio.org
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:**

Membership	Jon Greene	WX5NCO		wx5nco@tulсахamradio.org
Activities	Tom Stroud	KD5OPH	695-3735	kd5oph@tulсахamradio.org
Engineering	Steve Miller	AA5V	381-8574	steve@aa5v.com
Public Rel.	OPEN			
Op Standards	Tom Hance	KD5CNY	409-7763	kd5cny@cox.net
By-Laws	Bud Blust	WA5QDZ	747-3704	debtfree@ionet.net
Past Pres.	Mark Conklin	N7XYO	366-2007	n7xyo@arrl.net