



THE SIGNAL

Tulsa Repeater Organization

TRO's Official Monthly Newsletter

Volume 44 Issue 2

February 2011

POST OAK CHALLENGE

Saturday, February 26 and Sunday, February 27

Saturday trail runs from 0800 to 1500.
 Sunday Marathons including trail and road from 0800 to 13 to 1400.
 There are at least 5 operators needed each day of this event.
 No problem if you want to help one of the days or both.

Directions to Post Oak Lodge
 From Highway 412 going West from Tulsa toward Sand Springs exit on 49th W Ave, turn right to Edison, turn left to 57th W Ave., turn right for 2.5 miles to the Post Oak Lodge entrance. There are signs at each intersection directing you to the Post Oak Lodge.

Please let Tom Stroud know as soon as possible if you can help with this event.
 KD5OPH@tulsahamradio.org or 695-3735.

ANNUAL SKYWARN STORM SPOTTER SEMINAR

Saturday, February, 26 2011 0900 to 15 or 1600.

Location: OU Schusterman Center, Learning Center at 4502 E 41st, 41st and south Yale.

http://www.srh.noaa.gov/tsa/?n=spotter_training for more information.

Also, 146.88 repeater 141.3PL.

TRO MEMBERSHIP RENEWALS

TRO memberships are due March 1 each year. Please renew as soon as possible.

THE TULSA REPEATER ORGANIZATION ON FACEBOOK

Everyone is invited to join the Facebook group "The Tulsa Repeater Organization".

If you have a Facebook account just go to and join the group. If you do not have a Facebook account then consider signing up for one.

In the **TRO** Group there is information, discussions, photos, event announcements, etc.

Thanks,
 Tommy Stroud—KD5OPH

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The next TRO meeting will be Tuesday, February 22nd starting at 1930 at Ryan's Family Steakhouse 10934 E 21st
 Election of 2011/2012 TRO Officers



PREZ SAYS BY TOM STROUD—KD5OPH



My how time goes by when you are having fun. Of course, I have been so busy it has been hard to notice. I am nearing the close of my watch on the old TRO Flagship. I should be relieved that my term is coming to an end. But I am not. I do need a rest but it will be missed.

TRO has some very good people. It has been awesome working with, talking to and just getting to know all of our radio family. I would like to take this opportunity to say a BIG THANK YOU to all those on our staff and you that came to the many events to help with communication in this ten year period of time.

We have made some great accomplishments in all of our efforts and you can give yourself a good old pat on the back. I feel we have helped thousands in their time of need. Our organization has definitely set a mark on the map and the next staff to take the helm in March will definitely have their work cut out for them.

No easy ride for this year. The Post Oak Challenge will hit in February, Tour de Cure in June and Bike MS probably shortly after. Route 66 Quarter and Full Marathon will be in August and November. The hamfest in March, don't forget Maple Ridge and the FleetFeet runs and rides.

Field Day will also be on the calendar. Check our web site for dates, times and the latest details on all our events. It will be a busy year, that I am sure of.

So in my Ten years with the club I have served as Vice President in one administration with Ben Joplin—WB5VST and my latest adventure as President now nearing a close. For most of that time I have doubled as your activities Committee Chairman. When I started, the first thing you ask for was more activities for the club. Well, just last year we had over eight large events, one awesome car show at the Darrel Starbird Exotic Car Show & Monster Truck Races. That was a lot of fun and we made great strides in getting Ham Radio out there so people would know what we are all about. Not to mention all of these events took countless meetings for planning to insure all went well. In 2010 we took on a very large event called the Bike MS a 140 mile 2 day bike ride with 800 bikes riding from Tulsa to OK City. This was a definite first for us in the fact that we used operators from the Tulsa and the OK City area. Big thanks to all those that came out to help with the big ride. All went well and we probably will be called back for our services this year. Good work does get noticed. In short, TRO, I don't make the club what it is, you do. You have and you will continue to do so. We have built the foundation and it is a strong one. A little better than when we started. If TRO is to stay strong then we as members must stay strong in our participation and support. Now that goes way above financial support though we are very appreciative of your dues and contributions that you as members have given our organization. My point, it takes helping hands on cold mikes communicating information, passing from one to another to another and to another. So that takes people and lots of them and when there are a lot of things going on we can't just let the same old 10 or 12 do all the work. They get tired just, as anyone else would. So as we start the new year, plan to help, plan to meet, plan to plan, above all plan to have some fun and do a little work. Come to what events and meetings you can. Not all, but one or two would be really helpful. We need your thoughts, ideas and commitment to make 2011 the best year yet.

73's... God Bless....

Tom Stroud—KD5OPH

TRO President / Activities Committee Chairman

No Treasury Report for January 2011

**Remember the
next TRO meet-
ing will be Tues-
day, February
22nd at 7:30 PM.**



MEETING MINUTES BY ED COMPOS—K5CRQ

TRO Newsletter 1-25-2010 Meeting

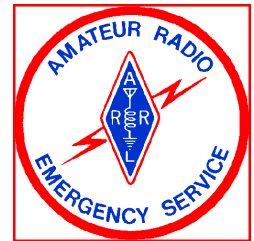
TRO Board and club meeting minutes for 1-25-2011

Board meeting open by Tom Stroud—KD5OPH at 18:09 hrs.

- We discussed the upcoming Post Oak event which is Feb 26 and 27, 2011. We need about 8 operator each day. Contact Tom—KD5OPH.
- Katy Gladd visited the meeting and discussed the Tour De Cure run which will be June 4, 2011 and they are expecting a large group and there will be a new route for this run.

Club Meeting started at 19:36 hours by Tom Stroud—KD5OPH pres.

- Minutes of the last meeting are in the signal and Mark Conklin—N7XYO made a motion to accept as printed and seconded by Stan Callahan—KE5HPB and passed on vote.
- Treasurers report was submitted by Gary Parham—KC5ZQP Treasurer and a motion was made by Tom—KD5OPH and seconded by Ed Compos—K5CRQ to accept and passed on vote.
- Engineering: discussed the problem with the 146.88 repeater. And they are working on it. We are looking for a site to move some of the repeaters and have some locations we are discussing with the property people. More to come.
- Remember Green Country Hamfest is coming up and will be March 11 and 12, 2011. Plan to be there.
- Nominating committee has come up with a list as follows:
 - President : Stan Callahan—KE5HPB
 - Vice-Pres : Joe Gorkos—N5TEX
 - Treas : Gary Parham—KC5ZQP
 - Sec : Ed Compos—K5CRQ
 - Trustee : Merlin Griffin—WB5OSM
- Motion was made to close nominations by Steve Miller—AA5V and Mark—N7XYO. Passed on vote.
- Meeting closed at 20:06 hours and a program on Digital communications was presented by Joe Gorkos—N5TEX.....



ARES/RACES Net Tuesday evenings at 2030 local time on the 146.88 repeater with back-up on 146.94

GREEN COUNTRY HAMFEST

The Green Country Hamfest is coming up Friday March 11th and Saturday, March 12th. This year the Green Country Hamfest committee has added an extra prize to their fantastic list of prizes for 2011. There will be a Yaesu VX-6R given to a person for their volunteer time to helping with the set-up, tear-down, organizing and general help to make the hamfest happen. At least 2 to 4 hours volunteer time is required. Then your name and/or callsign will be in the hat for a drawing of only hamfest volunteers for this nice talkie. Volunteering for a "club" table does not count. Helping at a hamfest table does. Watching for wrist bands at the entrances does. Being an emcee does. Other duties necessary to make the hamfest a successful operation are included.

Now to the *TRO* club table:

The club needs volunteers to man the *TRO* table from 5 to 9PM Friday and 8AM to 3PM Saturday. This is very easy duty and gives you a chance to sit down for a little while when at the hamfest. We request you be knowledgeable of the *TRO*, the repeaters maintained by the *TRO* and it's activities for the year as well as be able to take applications for membership and collect member renewal dues. An activities list will be provided as well as *TRO* club brochures, Skywarn and other amateur radio handout information.

Contact Tom Stroud—KD5OPH at kd5oph@tulsahamradio.org or 695-3735 to volunteer.

BIOGRAPHIES OF **TRO** OFFICER NOMINEE'S FOR 2011/2012**President: Stan Callahan—KE5HPB**

I have been asked to run for President of TRO, though I have only been in Amateur Radio for a short time, licensed in 2006. I have been a member of TRO for 2 years.

I have been around radios since the late 70's. A licensed CB radio operator in 1976 and was a member of Tulsa REACT from 1976 to 1979.

I served in Creek County Emergency Management Services for 10 years, from 1995 to 2005, which included 2 years as President.

I also served 2 years, from 2005 to 2007, in the Salvation Army Disaster Services as training officer for a storm spotting and response team. I have been a net control operator for the National Weather Service since 2007.

Stan Callahan—KE5HPB

Vice-President: Joe Gorkos—N5TEX

35 years of both telecom and RF communication experience.

20 years with the Williams companies building nationwide fiber optic networks.

Radio Amateur for over 20 years presently holds Extra Class license and Commercial 1st class FCC Radio license.

Previous TRO Secretary in mid-1990's, I have been a TRO member roughly 20 years.

Hold 2 year degree in Electronics.

Presently involved with VIPS in Sand Springs (Volunteer in Police Service)

Self-employed as broadband engineering consultant to phone companies.

Vietnam era vet, honorable discharge, HF radio operator in Germany.

Joe Gorkos—N5TEX

Secretary: Ed Compos—K5CRQ

I'm Ed Compos K5CRQ and I have been the Club Secretary for 5 or 6 years and will continue to do the job if you all wish. I hold a tech class license and enjoy working the different runs and events that the TRO Club works with. Thanks in advance for your support.

Treasurer: Gary Parham—KC5ZQP

A good friend of mine, Bob -W2HK, got me interested in ham radio in late 1996 and I went to my first hamfest (Green Country) took the test and received my license in March 1997 and joined the **TRO** shortly after. I've served on the board since 1999 and have held the positions of treasurer, secretary, vice president and by-laws chairman during that time. I'm a member of both ARES & RACES and have been a member of the RRT for TAEMA since 1998.

Trustee: Merlin Griffin—WB5OSM

My Call is WB5OSM first licensed as WN5EMG in 1971 back when Novices were only allowed CW operation on 80, 40, and 15 meters. Crystal controlled and power limit of 75 Watts DC Input. I mainly operated on 40 meter CW, and the Xtals I choose, I learned there were shortwave broadcasters at night on two of the three frequencies. It was my 75 watts against their 1/4 megawatt.

I now hold the Extra Class license, and as many of you know I am a highly experienced ARRL accredited Volunteer Examiner. One of the most experienced in the U. S. I have participated in somewhere around 240 test sessions.

I am a past president of the TRO. I also serve as president of Green Country Hamfest inc. I am vice-president and frequency coordinator for Oklahoma Repeater Society inc. We coordinate repeater frequencies in the state of Oklahoma, and work with coordinators in the surrounding states to minimize interference across state lines. I serve as net control operator for the Tulsa Skywarn operation. Which I have been involved in that for many years. I think some of the other Skywarn NCO refer to me a NCO Emeritus. I also server TRO as the engineering site chairman for the 146.88 repeater. Also took under my wing and rebuilt the 444.1 repeater. It's operating from my garage right now. Somebody come and get this thing and take it to its home.

I have been employed by the City of Tulsa for 32 years, currently doing database administration and computer support for the Public Works Departments Quality Assurance Laboratory. I have expertise in both fields, analytical chemistry and computer science. I reside in Owasso, and have been an Owassoan since before it was cool. I am married to Lynda KE5VYN, and have two beautiful grandchildren living with us most of the time, Kevyn five, and Lexie who just turned four. You have seen the bumper sticker, "If I knew grandchildren were so much fun I would have had them first." I pulled that off.

Look forward to seeing everybody at the Green Country Hamfest 3/11-12/2011 in Claremore!

GREEN COUNTRY HAMFEST FANTASTIC PRIZE LIST FOR 2011

The Green Country Hamfest is Friday and Saturday, March 11 & 12, 2011 at the Claremore, Oklahoma Expo Center at 400 Veterans Way. The GCH committee has selected a fantastic prize package this year that includes:

1st Prize: Elecraft K3 (assembled) 160 thru 6M



2nd Prize: Yaesu FT-897D 160 thru 70CM



3rd Prize: Yaesu FT-7900R 2M & 70CM



Hourly prizes including one Yaesu VX-3R dual band talkie! Yes, every hour!

Pre-register from now through February 28th and save \$2.00 on admission ticket and \$5.00 on flea market tables.

See www.greencountryhamfest.com



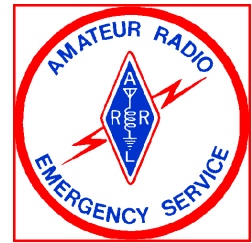
TRO SIGNAL BULLETIN THE WHY, WHAT AND HOW



Tulsa Repeater Organization

I thought I would take a few moments to explain the why, what and how of the TRO Signal Bulletin.

For a long time, I have heard from newsletter editors that they need articles, ideas for articles, or for someone to take over the job because of time constraints. So, I got to thinking of ways to lighten the editor's load. Because most newsletters come out monthly, a good way to lighten the editor's load would be to put out the newsletter once every two months. But that would increase the amount of content per issue.



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Then I noticed a lot of the content is standard announcements that don't change much from month to month, but some items do change and the newsletter should have a current update. So, why not supplement the newsletter with a weekly bulletin that consists mostly of those standard announcements with their current updates? This bulletin could also have a few current comments or items. What it wouldn't have is any fancy graphics or photos. Those belong in the newsletter. On the other hand, those standard announcements could be taken out of the newsletter because they would be published in the bulletin.

I have to confess that I sat on that idea for a long time. Even when I told Steve Miller AA5V about it, I didn't follow up on it because I saw the production of the bulletin happening at the same time as the change in the Signal's schedule, and making that change would require action by the Board. I thought the bylaws required the Signal to come out every month.

Then I thought, even if the Signal's schedule doesn't change, nothing in the bylaws prevents me from putting out the bulletin on my own, on behalf of the TRO.

So, I worked up a text-only template for the bulletin based on the script of the Tulsa ARES RACES Net. The first issue came out on 29 NOV 10.

I decided to send the bulletin out through the WA5LVT Yahoo group. I chose this avenue of delivery because it is a resource that already existed, but it was underutilized.

The TRO Signal Bulletin is not just about TRO events. It is about any ham radio activity or event in or near the Tulsa area, without regard to club affiliation or sponsorship.

If you wish to receive the TRO Signal Bulletin for the bargain price (ABSOLUTELY FREE!), please sign up at the WA5LVT Yahoo group: <http://groups.yahoo.com/group/WA5LVT/>

73 de Doug KC5ZQM

ENGINEERING REPORT FROM STEVE MILLER—AA5V

146.94: We are still without a permanent home for the 146.94 repeater. There are some locations we are communicating with the City of Sand Springs about for either a new location or two for 146.28 receivers or the 146.94 repeater. According to the site(s) possible we may install the 146.94 repeater and leave the main receiver for 146.28/88 at the Mid-Continent Building or use the new site(s) for 146.28 link receivers and install 146.94 at the Mid-Continent Building.

146.88: An audio problem started again in the Mid-Continent receiver site and I had to remove the equipment to troubleshoot on the workbench. I now have two CAT200B controllers on their way to Computer Automated Technologies for repair and still am not sure that will cure our audio problem. I actually think we may have a UHF downlink antenna problem at Mid-Con. We'll see. With the controllers there was one that the a processor seems to not work and the other has quit detecting DTMF.

146.805: Mark Thrash—WB5MBK is reporting there is a lot of feedline and antenna maintenance needed at the 146.805 repeater site. This equipment has been working great at this location for 15 or more years and has become weathered and just worn out. The expenditure will be around \$500.00 to fix and replace needed feedline and antennas. These updates will be in the TRO 2011/2012 budget requests.

444.1: Merlin Griffin—WB5OSM reports this machine is ready to be moved to the repeater site. No one has been to the site in well over a year and we must find out if there is still a spot for the repeater then plan a Saturday or couple of evenings to get this repeater re-installed.

Frequency	PL	Status
146.34/94	none	Down
146.28/88	141.3	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 421.25/434.25	none	Up



ARES COMMUNICATIONS TRAILER



The **TRO** wishes to help Don Cole—KE5EHU the Tulsa County ARES Emergency Coordinator with building out this trailer as a portable emergency communications unit. As with a lot of organizations right now, our budget is tight. Don will be providing plans soon, so, there are two ways for members to help:

1. Donations earmarked for this project
2. If you have talents and/or tools and/or time to help please contact Don at ke5ehu@att.net.



Storm Spotter Seminar
Saturday, February 26, 2011
 for details visit
www.okarkskywarn.org

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.
0930 to 1100 at Hardesty Regional Library
8316 E 93rd Street
Tulsa, OK 74133
2011 Schedule:
January 8th
March 5th
May 7th
July 9th
September 10th
November 5th

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

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



Saturday and Sunday, Feb. 26-27	TRC Post Oak Challenge—need operators both Saturday and Sunday. Contact Tom Stroud—KD5OPH@tulsahamraio.org or 695-3735
Saturday, Feb. 26 8:00 AM thru 4:00 PM	Skywarn Spotter Training Seminar—OU Schusterman Center 41st & Yale Doors open at 0800 for registration—Seminar begins at 0900.
Fri. & Sat. Mar. 11 & 12 5PM to 9pm 8AM thru 3PM	Green Country Hamfest - Claremore Expo Center
Monday, May 30 7AM thru 11AM	Maple Ridge Run—Maple Ridge Neighborhood
Saturday, June 4 8AM thru 3PM	Tour de Cure—American Diabetes Association Bicycle Tour
Sunday, June 12	Tulsa Triathlon— TRO to provide communications— Tentative
Saturday & Sunday June 25 & 26 12PM thru 12PM	TRO & ARRL Field Day—Location to be determined. Waiting on approval for Leake Park at 71st & Memorial.
Saturday, August 6 7 AM thru 1PM	Route 66 Quarter Marathon—0700 till around 1300



Tulsa Repeater Organization

P.O. Box 1422
Tulsa, OK 74101

Mail To:

For more information about the *TRO* visit 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 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	OPEN			
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