



# THE SIGNAL

**Tulsa Repeater Organization**

*TRO's Official Monthly Newsletter*

**Volume 47 Issue 1**

**February 2014**

## GREEN COUNTRY HAMFEST

Friday, March 7 and Saturday, March 8, 2014 at the Claremore Expo Center again this year.

**The Green Country Hamfest will be the ARRL West Gulf Division Convention.**

This year the Green Country Hamfest committee is again adding the extra prize to their other list of prizes for 2014. There will be a Yaesu FT7900R given to a person for their volunteer time 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 radio. 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 4 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](mailto:kd5oph@tulsahamradio.org) or 918.695.3735 to volunteer.

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## WAGONER COUNTY PREPAREDNESS & SAFETY EXPO

Saturday, March 29th 2014 0600 to 1500 at the Coweta Assembly of God Church 29707 East Highway 51, Coweta.

A great public relations opportunity for ham radio and the TRO.

## TRO MEMBERSHIP RENEWALS

**TRO memberships are due March 1 each year.**

**Please renew as soon as possible.**

**The next *TRO* meeting will be Tuesday, February 25th starting at 1900 at Tally's Good Food Cafe 1102 S Yale**  
Election of 2014/2015 *TRO* Officers



**PREZ SAYS BY STAN CALLAHAN—KE5HPB**



Well here we are starting another New Year and elections upon us again. We are looking for a President and Vice President for the ballot. I have not committed to another term yet. I am hopeful that there will be someone to run for office. If not I will decide at the January meeting on what we will do about the elections. If I agree on a 4th term then we will have to vote on amending the by-laws for another year to hold elections.

Our Christmas Party went off with great success and some great give aways were had by some in both clubs. I've said this before that I will not take credit for something I did not do. This goes for the Christmas party, as so I didn't put it together. The credit goes to Steve Miller, Ben Joplin & Bart Pickens ( if there were others that had a hand in the planning please let me know) that I now of. I was just the moderator for the evening.

Kudos to all whom worked on the 444.100 install at Skyline and repairs to the .88 at City Plex location. Joe will have more on that. I've been told that the .94 is ready to be installed now. This will be at the Sun Building downtown or at the Skyline location. It's been a long time coming. We should be in good shape for a little while after this.

For all of you 'weather bugs' out there, the annual OKARK Skywarn Storm Spotter training is coming up on February 22nd @ 9am ( I think that's the date) at the O U Campus, 41st and Yale. I hope to see you there.

Hamfest is also on the radar for March. If you have any time that you can dedicate to the TRO tables during Hamfest, PLEASE let Steve or Tom know on what time slots you can sit at the table and represent TRO. Remember this is YOUR club !!!

Happy New Year to all.

*Stan Callahan—KE5HPB*

**TREASURER'S REPORT BY STEVE MILLER—AA5V**

Treasurer's report as of February 22, 2014

<b>Total TRO Accounts Beginning Balances</b>		<b>\$4046.64</b>
Checking Beginning Balance		<b>\$2076.00</b>
Checking Balance		<b>\$2076.00</b>
PayPal Beginning Balance		<b>\$55.02</b>
PayPal Ending Balance		<b>\$55.02</b>
Savings Beginning Balance		<b>\$1915.62</b>
01/31 Interest	+0.24	
Ending Savings Account Balance		<b>\$1915.86</b>
<b>Total TRO Account Balances</b>		<b>\$4046.88</b>

**NEW TRO MEMBERS:**

Kenneth Gunnells—KF5VIB  
 Andrew Spencer—KF6PVT  
 David Kreifels—KA0JON  
 Bob Bufford—W5RAB

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



## MEETING MINUTES BY Ed Compos—K5CRQ

TRO Meeting 1-28-14



Meeting called to order at 1900 hrs by Stan Callahan, President KE5HPB

Secretary Ed Compos K5CRQ read the notes of the Christmas meeting and a motion was made by Mark Conklin N7XYO and seconded by Bart Pickins N5TWB and passed on vote of members.

Treasurers report was presented in writing by Steve Miller AA5V and a motion was made by Mark N7XYO and seconded by Joe Gorkos N5TEX and passed on vote of members.

Stan KE5HPB presented the new flyer for the club and it was approved and will be ready for Hamfest in march.



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

Tom Stroud presented the activities for the club in the up coming months So keep your eyes tuned to the signal for further info.

Under BY-Laws Gary Parham KC5ZQP presented a change for that we can have the president serve three (3) years in office. This will be voted on at next meeting.. Also presented was wording to change the way we notify election and newsletter info from writing to digital media.

In activities the only one at the present requesting our help in communications and presenting the proper paper work was the Route 66 in November 2014. After discussion members accepted a motion by Joe N5TEX to accept and seconded by Mark N7XYO and passed on vote.

Engineering presented information on work at the site and you can check the Signal for all there reports.

The nominating committee had no nominations from the floor and presented the following list member to fill various officers positions:

President Stan Callahan, Vice-pres, Ben Joplin, Sec Ed Compos, Treasurer Steve Miller and Trustee Merlin Griffin.

Under old business Fred Williams advise member they would do logos and stuff on the traffic vest for \$20...

Under New Business Charles will have the flyers printed.

Motion made to close the meeting at 20:13 by Ed K5CRQ and Second by Gary KC5ZQP and passed on vote and closed.

## THANKS FROM TRO ACTIVITIES CHAIRMAN TOMMY STROUD—KD5OPH

See calendar on page 7 and the Green Country Hamfest articles.

Always visit <http://www.tulshamradio.org> for the latest information.

BIOGRAPHIES OF **TRO** OFFICER NOMINEE'S FOR 2013/2014**President: Stan Callahan—KE5HPB**

I have been asked to run for TRO President for a fourth term. I have been in TRO for about 7+ years. I received my ticket in 2006 but have been around radios for a very long time. I was a licensed C.B radio operator in the 70's and early 80's as KZX- 4603. I was in and President of Creek Co Emergency Mgt.until 1 year after B. J. Pope passed. After that I was on the Salvation Army Emergency Response Team of Sapulpa and Northeast Oklahoma. I trained new members on operations of the response team as well as the first storm spotting team for them. I now currently work as a NCO for the National Weather Service and storm spot for them on occasion and help in the training of new NCO's.

I have as your President for the last 3 years been asked to serve again, making this a 4th consecutive term by the approval of the members at large at the January membership meeting. I do look forward to serving you again as your President, but I don't do this alone. I work with the rest of the Executive board as well as the membership at large.

**Vice-President: Ben Joplin—WB5VST**

I have served as President, Treasurer, Membership Committee Chairman and Activities Committee Chairman since becoming a TRO member in 1976. I started with a Technician license in 1976 and upgraded to Extra in 1979. In the past I have been a VE test examiner and have been an active member in the Skywarn Group.

**Secretary: Ed Compos—K5CRQ**

I'm Ed Compos K5CRQ and I have been the Club Secretary for 8 or 9 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: Steve Miller—AA5V**

I have been Treasurer of the *TRO* for seven years in the past and it is my fourth office held in *TRO* since becoming a member in 1978. I have been the Site Chairman of the 146.94 MHz repeater since 1981. My interest in amateur radio began with earning the Amateur Extra Class license and Commercial Radiotelephone license in 1978. I have been a member of ARRL since April 1977.

Additional membership activities include my participation in the planning committee for Green Country Hamfest, Inc., VE test examiner, webmaster for *TRO* and Green Country and as an active member in the Skywarn Group. My occupation is a Lead Programmer Analyst for Tulsa County.

**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 chose, 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 250 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 as NCO Emeritus. I also serve TRO as the engineering site chairman for the 146.88 repeater.

I have been employed by the City of Tulsa for 35 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 eight and Lexie who just turned seven. 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 3/7-8/2014 in Claremore!

**GREEN COUNTRY HAMFEST FANTASTIC PRIZE LIST FOR 2014**

The Green Country Hamfest is Friday and Saturday, March 7 & 8 at the Claremore Expo Center at 400 Veterans Way. The GCHF committee has selected a fantastic prize package again this year that includes:

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



2nd Prize: Elecraft KX3 160-10M 10W PEP



3rd Prize: Yaesu FT-897D



2 Special Prizes: Yaesu FT-7900R One Friday and one Saturday



Hourly prizes including one Yaesu FT-60R dual band talkie!

**Pre-register from now through February 23rd and save \$2.00 on admission ticket and \$5.00 on flea market tables.**

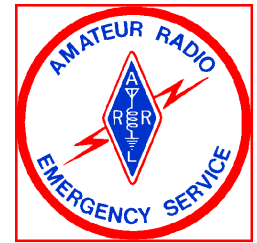
See [www.greencountryhamfest.com](http://www.greencountryhamfest.com)



**GREEN COUNTRY HAMFEST**



The Green Country Hamfest is coming up Friday March 7th and Saturday, March 8th. This year the Green Country Hamfest is the **ARRL West Gulf Division Convention**. This year is also the ARRL's 100th birthday.



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Also this year the Green Country Hamfest committee has added an extra prize to their fantastic list of prizes for 2013. There will be a Yaesu FT7900R 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.

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**TRO ENGINEERING REPORT  
JOE GORKOS N5TEX**

Here is a quick update on our TRO repeater systems for this past year:

City-Plex site; we moved the 146.88 receive antenna further away from the TX antenna, also changed out the coax on the receiver side. We also changed out several small coax jumpers in the repeater cabinet thus reducing inter-mod issues. Need to replace the back up battery which is on site. Need to change out coax run on the TX side, the coax is ready, just waiting for good weather. Also need to readjust the TX antenna for better VSWR.

900Mhz system has coax and antenna in place. Need to install the repeater. Waiting for the repeater.

Sunoco Building; Installed the 146.94 repeater on existing mast and coax. System audio needs slight adjustment, all is working good. Good coverage for downtown area, can be used for parades and other downtown activities.

Skiatook; Lot of work needs to happen including change out of antennas, and coax, waiting for good weather. This one is work in progress.

Skyline East; The 444.1 repeater is up and working on existing antenna and coax providing good coverage city wide. At some point additional work is required on the antenna and coax.

Autumn Oaks; New antenna and coax installed on the 146.805 system, major improvement in coverage.

All of these systems have been worked on by club members who volunteered their time and efforts to make these major changes and improvements to the TRO repeater system. A big thanks to all of them.....



Left—Tom Shaw—  
K5OVT  
Right—Joe Gorkos—  
N5TEX  
Completing the install of the Hustler G7 antenna for the 146.94 repeater atop the Sun Building 9th & Detroit downtown Tulsa.

Below are front and rear view pictures of the 444.1 repeater installed at the Skyline East Building.



## 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 4th  
March 1st  
May 3th  
July 5th  
September 6th  
November 1st

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 11:30 A.M. at the Martin East Regional Library  
2601 S Garnett Road  
Tulsa, OK.  
**All testing by appointment ONLY.** Please 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



**Fri. & Sat. Mar. 7 & 8**  
4PM to 9pm  
8AM thru 3PM

Green Country Hamfest - Claremore Expo Center

**Saturday, March 29**  
6AM thru 3PM

Wagoner County Preparedness & Safety Expo

**Monday, May 26**  
7AM thru 11AM

Maple Ridge Run—Maple Ridge Neighborhood

**Saturday, May 31**  
8AM thru 3PM

Tour de Cure—American Diabetes Association Bicycle Tour

**Saturday & Sunday  
June 28 & 29**  
12PM thru 12PM

TRO & ARRL Field Day—Location to be determined.



Tulsa Repeater Organization

P.O. Box 1422  
Tulsa, OK 74101

Mail To:

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**For more information about the TRO visit [www.tulsahamradio.org](http://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.org](mailto:wa5lvt@tulsahamradio.org) 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	918.812.3843	ke5ahe@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	Open			
By-Laws	Gary Parham	KC5ZQP	918.369.1055	kc5zqp@aol.com
Past Pres.	Mark Conklin	N7XYO	918.366.2007	n7xyo@arrl.net