

T H E S I G N A L



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Engineering Report

The people of the engineering committee have been very busy this month. On September 19th or 20th it was noticed the 146.805 and 444.950 repeaters were off the air. Bud Blust - WA5QDZ went to the site on the top floor of the Autumn Oaks Building about 71st and Yale to check what had happened. He found the repeaters had been unplugged again; but, this time there was a note saying who to contact and that they wanted to know who we were. Bud contacted me and I sent an email to Mark Thrash - WB5MBK (146.805 site chairman), Mike Reynolds - W0KIE, Tom Shaw - K5OVT, Brad Smith - W5BS and Bud - WA5QDZ letting them know the status of the repeater and we needed to find out what is going on. Mike - W0KIE having had an office in that building started

trying to find out. In the meantime Mark Conklin - N7XYO had received a phone call from a person, who wishes to remain anonymous, that he had word the equipment was going to be taken out of the building and off the roof and thrown away in a week or so and relayed that to me. Mike - W0KIE checked with people he knew that are still in the building; and, to get to the story before it gets too long, found out the

Continued on Page 5

ANNOUNCEMENTS

Next TRO Meeting:
 Tuesday, October 25, 7:30 p.m. at
 Ryan's Steakhouse,
 10934 E. 21st St., Tulsa, OK.

TRO Signal Bulletin: <http://groups.yahoo.com/group/WA5LVT/>

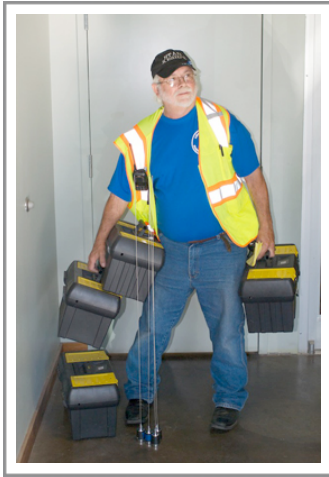
Upcoming TRO Events:

www.tulsahamradio.org/troevents.htm

TRO on Facebook:

www.facebook.com/home.php?sk=group_189314365941

THE PREZ SAYS . . .



Well, I haven't had much TRO activity this month so far; but I have been busy with family matters. So I apologize. On Monday Oct 3, I had very minor surgery on my shoulder blade removing a cyst. I learned that there no such thing. On

the very next evening, the blood vessels in the wound ruptured and started bleeding heavily. We couldn't stop it, and the paramedics couldn't stop it, either.

I was taken to ER before it was under control almost five hours later. Then my mother is now in the NICU from a stroke and blood clot on her

brain two days later. So I will be preoccupied for a while during my mother's recovery

I did receive a thank you card from the M. S. Office for everyone that helped. Here it is:

Stan-Thank you so much for your continued support of Bike MS. We appreciate you and your group helping us ensure good communication and safety! Christy Racy

This card was also signed by everyone in the MS office and staff.

I also received much similar comments from Jim Beach for our help on Dam J.A.M.

A big thank you to all who helped on Dam Jam.
Jim Beach.

This month, Joe will be in charge of TRO monthly meeting and the fox hunt. Happy hunting everyone.

[Stan Callahan](#)

[KE5HPB](#)

AMATEUR RADIO AREA TESTING DATES

Third Thursday of odd numbered months. Next Session: 18 Nov. 2011, 6:45 p.m. at the Red Cross building, 11th & 169. Contact Merlin Griffin. Phone 520-7668 or e-mail wb5osm@hotmail.com.

Second Saturday of even numbered months, Next Session: December 10, 9:30 a.m. at the Church of Christ, 505 E. Kenosha Street, Broken Arrow. Walk-ins welcome. Contact: Don Doyle—AC5II at ac5II@arri.net or 379-0962.

First or Second Saturday of odd numbered months, 9:30 a.m. at Hardesty Regional Library, 8316 E 93rd Street, Tulsa, OK 74133.

2011 Schedule:

- November 5

Walk-ins welcome. Contact Tom K5EHX. E-mail: tom@k5ehx.net or phone: (918)835-7889 and leave message. Talk-in on 146.55 simplex.

W5YI-VEC Test Sessions

Test sessions held the last Saturday of every third month. Next Session: 29 October 2011 then January 28, 2012. Martin East Regional Library, 2601 S. Garnett Road, Tulsa, OK. **BY APPOINTMENT ONLY!** Contact John, K5ENA, K5ENA@cox.net or 918-346-8284.

Ham Test Online. A very effective online study course for hams. www.hamtestonline.com

THE VP CORNER

TRO NEWS ARTICLE FOR 10 15 2011

Summer was here and it was a scorcher, but it did not stop a number of TRO members participating in many of the planned activities throughout the hottest summer on record. I applaud all of you who took time to get out there and help with some of these activities in challenging conditions.

Now we move into fall and cooler weather, the activities are still coming on strong. Some of you could not participate this summer in the excessive heat. That is very understandable. We now have several activities involving large runs requiring lots of folks to help out. We will be capping off activities the end of this month with a friendly, fun fox hunt. This is a good time to get out and use your equipment and hone your RF detecting skills. The "Fox" is a wily character who has laid down the challenge he won't be found. Since he is an experienced "Fox," one who has had his ways with many fox hunters in the past, we need to accept the challenge and have "Fox" for dinner.... This activity is at the end of the month of October on Saturday the 29th. Start time 9:30 and runs until we capture the "Fox" or get past dinner time around 5:00pm. The rules are pretty simple. The "Fox" must stay in a

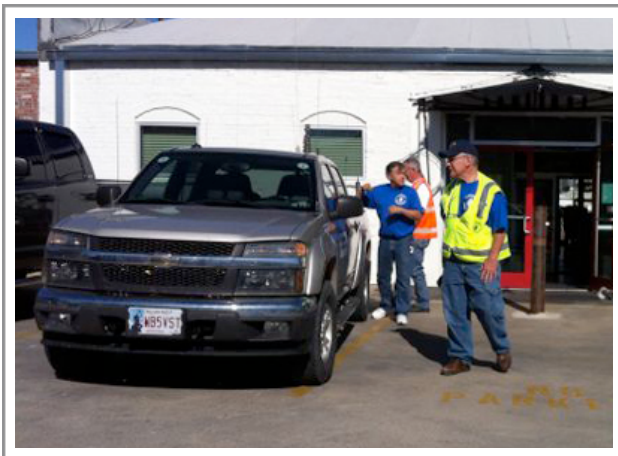
permanent location within Tulsa County. He must transmit 30secs of information every 5minutes using the repeater input frequency of 146.280 capturing the repeater so the "Fox" can be heard via 146.880. Awards will be given to the first two hunters who locate the "Fox" which are tickets for the annual Christmas party drawings. Our mystery fox could get all three tickets if we do not find him. Even if you are out and about, not really chasing down the "Fox," dial in the input frequency and let the hunters know where you picked up his signal. Nothing like a little extra help in catching the sly furry "Fox."

This month's presentation at the club meeting is about fiber optics...

Joe N5TEX
73's
TRO Vice
President



PHOTOS FROM QUARTER MARATHON

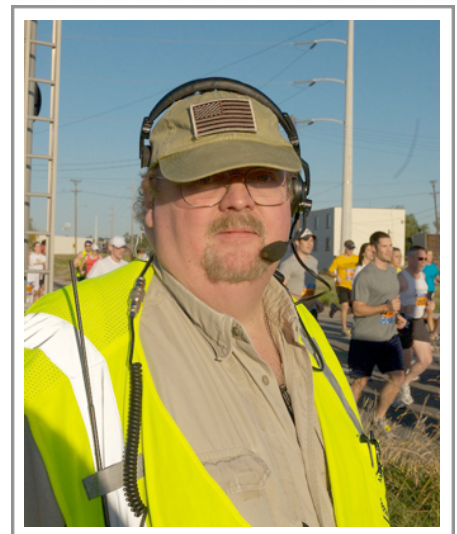


TREASURER'S REPORT**Tulsa Repeater Organization**

Treasury Report 10-15-2011 for September 2011

TRO Accounts Balance Beginning :	\$ 3994.22
Checking beginning balance:	\$ 1797.75
returned check	- \$ 25.00
returned check fee	- \$ 5.00
Checking ending balance:	\$ 1767.75
Savings beginning balance:	\$ 1906.00
9-30-11 Interest	+ \$.47
Ending savings balance:	\$ 1906.47
Paypal account beginning:	\$ 290.47
Paypal account ending	\$ 290.47
TRO Ending Accounts Balance :	\$ 3964.69

Respectfully submitted by Gary Parham-KC5ZQP

PHOTOS FROM QUARTER MARATHON

ENGINEERING REPORT - CONTINUED FROM PAGE 1

maintenance personnel did not know anything about the equipment being TRO's. What they wanted was the antennas on the roof straightened up. We had a bent mast on one of the antennas. Keep in mind, we had antennas up there for 70cm, 2M, 10M and 6M. Well there is a problem with the remote bases so Bud - WA5QDZ, Mike - W0KIE and Tom - K5OVT put a plan together to clean off all the roof mounts and antennas. Upon everyone working on the project agreeing with a plan proposed by Tom, Tom - K5OVT ordered a new dual band Diamond X50NA and a duplexer - the Diamond MX72N - to be used for the 444.950 repeater and the 146.205 receive for the 146.805 repeater. The separate transmit antenna for 146.805 was left in place. Mike - W0KIE was able to secure our staying on the Autumn Oaks Building for a while longer. Our equipment identification has been replaced with contact information and all is well. Mark - WB5MBK said he will be replacing the feedline to the transmit antenna in the very near future.

I want to thank everyone so much for stepping up and taking care of this. I was on vacation on the other side of the world and Mark - WB5MBK was out of town for his work and Bud, Tom and Mike stepped in, not only save our site, but, fixed it all too.

The 146.805 wasn't enough to round out the last month though. I received an email from Tim Deihl - KB5ZVC on October 10th saying that Rex Gotcher wanted me to call him. Our repeater equipment needed to be moved to a different floor. Well, I had no idea who Rex Gotcher is, so, I called the number first chance I had after returning to Tulsa. I learned that CityPlex wants us to move the 146.880 repeater equipment from the 59th floor to the 60th floor and within the next three weeks. Ben

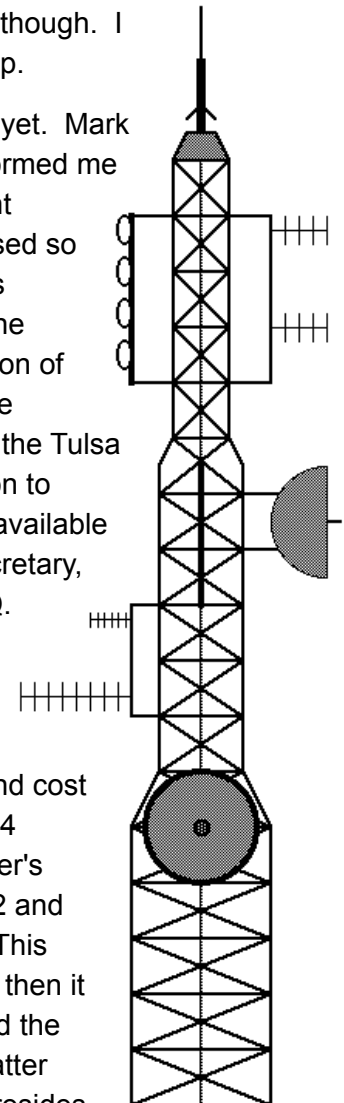
Joplin - WB5VST has volunteered to meet with Rex during regular business hours to see where they are requesting we move the equipment and check our possibilities to continue to have our phone line to the repeater, electrical connections and how they wish the feedlines to be installed, etc., etc. My hope is to have this move completed by the end of October. The move of the equipment must be in the next week or two though. I may be calling for help.

Now, I'm not finished yet. Mark Conklin - N7XYO informed me that the Mid-Continent Building sale has closed so there are new owners there. I request anyone with any documentation of an agreement with the previous owners and the Tulsa Repeater Organization to please make a copy available to myself and our secretary, Ed Compos - K5CRQ.

Joe Gorkos - N5TEX is working on a plan for needed equipment, access and cost of installing the 146.94 repeater on the Childer's Tower at highway 412 and 209th West Avenue. This may come about and then it may not; but, we need the documentation no matter where 146.94 finally resides.

I can't say "thanks" enough. You are a great group of people.

73 Steve Miller - AA5V



TRO MEETING MINUTES FOR OCTOBER 2011

TRO club meeting was held on 9-27-2011 at Ryan's Steakhouse.

Meeting called to order by Stan Callahan KE5HPB and we started out with introductions.

Minutes of the last meeting were read by Ed Compos K5CRQ and a motion made by Joe Gorkos N5TEX and seconded by Ben Joplin WB5VST to accept and passed on vote.

Gary Parham KC5ZQP presented the treasurer's report and motion made by Ed K5CRQ to accept and seconded by Ben WB5VST and passed on vote.

Ben WB5VST and Joe N5TEX went out the Sam Childes' site and looked it over and will send a proposal to him to get on the tower if he agrees on it.

The following events are coming up and we need operators for them:

- Oct 15, 2011 Quarter Route 66
- Nov 19, 2011 practice runs for full Route 66
- Nov 20, 2011 full route 66 run will have about 15,000 to 20,000 runners so we need help. Contact Tom Stroud KD5OPH at Tom Stroud@Tulshamradio.org

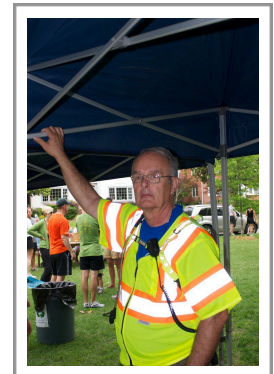
The TRO CLUB wants to thank Robert Walker KD5ESL for the use of his mobile repeater during the MS 150 Bike ride to Oklahoma City from Tulsa. It worked great and the use greatly appreciated by the members who work the ride. Again,

There will be a FOX Hunt on October 29, 2011 and the fox in the area will be Tom Hance KD5CNY. Rumor has it he can't be found but I know there are those of you that want to prove him wrong. So join us and hunt the fox down. Not sure of start time but will get it on the webpage.

Meeting closed at 20:42 hrs.

Joe Gorkos N5TEX put on a program on installing BNC Connector. What tools to use and proper installation of the connectors He then had Electra Sharpe KB3RGE install a connector, which she did with perfection. Thanks Joe for an excellent program.

[Ed Compos K5CRQ](#)
[TRO Secretary](#)



HELP NEEDED MOVING 88

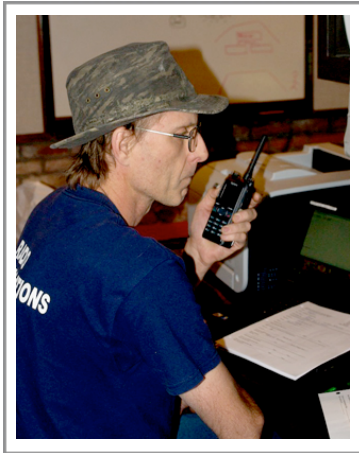
We need enough volunteers to move 88 on Thursday, October 27. We will meet at City Plex at 6:00 pm. We have to move the repeater and the rack. City Plex will move all of the feed lines and re-terminate them if necessary.

Please contact me if you can help.

[Ben Joplin, WB5VST](#)

[918-639-2853 Cell](#)

ACTIVITIES REPORT



So much to do so many to thank, we are now into our busiest time of the year. Nobody can say we don't do anything here at TRO.

It is a highly demanding job to fill the Activities Chairman slot

here at TRO; and as I go in to my 11th year, I would have to say each year has become more and more challenging for our committee and myself.

Starting the year we took on the Post Oak Challenge. This was our first (2) day event that we had a trail run on day (1) and a cross country road race on day (2).

After that we took on the American Diabetes Association Tour De Cure 2011. Then in September we geared up for a (2) day, 150-Mile bike ride, National Multiple Sclerosis Society Bike MS 150, with 800 bikes touring from the home front here in Tulsa to Oklahoma City, with a over night lay over in Chandler.

We even took some time the week before to take our team out and give Jim Beach and Mike Orange a hand with Dam Jam 2011. It was the 20th anniversary for Dam Jam so we were glad to offer our service and equipment.

Speaking of equipment we are setting up Com Centers, out fitting Med Carts and Support vehicles with APRS tracking. We have Ben Joplin WB5VST for putting our state of the art APRS system together and making it a much needed tool in our tool box.

Equipment doesn't come free and we are very appreciative to Williams Rout 66 Marathon for supporting us with a \$750.00 donation to build up our APRS system.

Radios, antennas, power supplies, batteries, mobile repeaters, mobile com centers, and a lot of volunteers. It takes all this and more to support one of these events.

Speaking of volunteers we have the best. All I have to do say is we have got this coming up and they are there doing what they love to do. Our team is very experienced and professional. They have dealt with it all, from needs and supplies, major medicals, traffic problem, dogs on the road or maybe even a horse. Twenty-six miles or 150 miles, from 100 to 20,000 participants, they can insure safety and security. Above all, good communications and maybe even a little peace of mind for those that are putting these events on.

So if you are putting an event together and just cannot communicate, amateur radio or ham radio for those more traditional minded folks, we can make it happen...

73's

TRO Activities Chairman

Tom Stroud KD5OPH

Android User? Check out the free app to study for your Technician, General and Extra HAM tests: HAM RADIO STUDY: <http://appaggie.com/ham-radio-study/>

Using an iPhone? Try Ham Tests: <http://itunes.apple.com/us/app/ham-tests/id412363420?mt=12>. Sorry iPhone, you have to pay \$.99. But, maybe it's a better app?!



Ham Radio Communications - Operators Needed 2011 Williams Route 66 Marathon - Nov. 19-20

Contact Tom Stroud, KD5OPH, 918-695-3735 kd5oph@tulsahamradio.org

THANK YOU!

Just wanted to get a quick word out to thank everyone that worked the Williams Route 66 Quarter Marathon. Everything went very well, remember to register for the November Marathons. You can use the same pass code. Drop me a note to let me know you have completed registration. Your information will transfer from the Quarter to Full Marathon. Just enter your user name and password.

If you had any problems or concerns on the Williams Route 66 Quarter Mmarathon, just drop me a note so that I have them.

Thank you For your help and support. We could not have done it without you,

[Williams Route 66 Marathon](#)

[Communication Director](#)

[Tom Stroud KD5OPH](#)

VOLUNTEER FOR WILLIAMS 66

Join us as a volunteer for the 2011 Marathon, November by Blue Cross Blue showcasing our benefiting the 61 Area United Way.

More than 20 "Ham Communication needed for this year's Marathon, Half Relay, The Mayor's the One Mile Fun

Tulsa is ranked as the U.S. for residents! Help by demonstrating to international running hospitality and community has

If you are interested tremendous opportunity, please

THE 2011 MARATHON!

communication Williams Route 66 19 & 20 - Presented Shield of Oklahoma - tremendous city while agencies of the Tulsa

Radio Volunteers" are events that include a Marathon, Marathon 5K Run and Walk and Run.

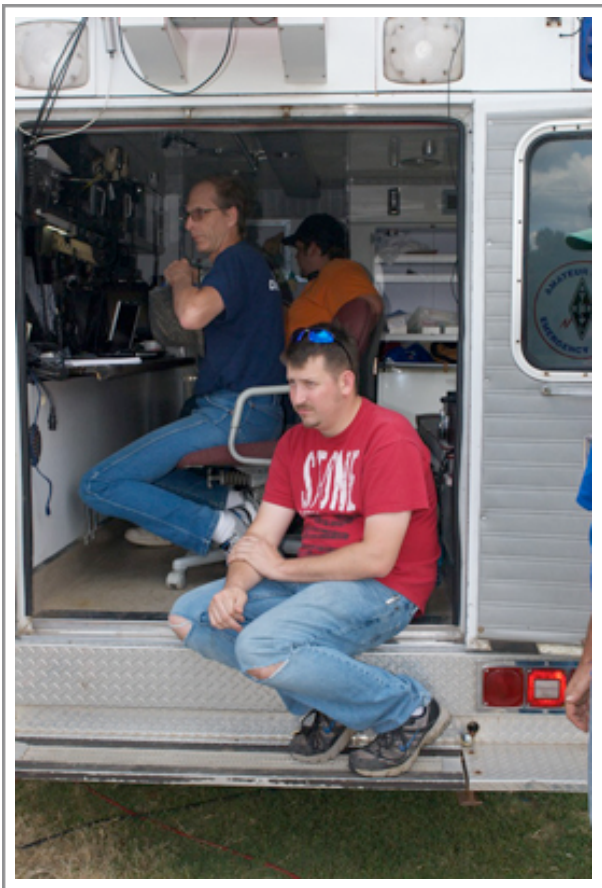
one of the top cities in volunteerism by its support these events the national and community the service for which our become renowned.

in assisting with this community service "Register at

PHOTOS FROM QUARTER MARATHON



PHOTOS FROM DAM JAM 2011



HAM QUIZ

Answer to October Ham Quiz is C. Output is low when either or both inputs are high.

Discussion:

NOR means not "OR" If it were an "OR" gate if either input is high, "true" or "on" then the output would be high. If it were an AND gate, if both inputs were high or true the output would be high. Since this is NOT OR gate, then the only condition where the output goes high is when both inputs are low or false.

73 DE WB5OSM

Merlin Griffin

UPDATE ON GREEN COUNTRY HAMFEST PLANNING FOR 2012

We are still working on a prize package. It is possible that we may change our minds about the grand prize, since our initial quote from Elecraft was about a \$300.00 price increase over last year. We will try to renegotiate with them, but if that holds true, we may opt to go with something else.

The new Kenwood TS-590 is getting great reviews. We also discussed the Ten-Tec Jupiter, it's a great rig and like the Elecraft American made.

Also we changed our policy on club tables. The following clubs get an end cap horseshoe set of tables RCWA, TRO, Broken Arrow, and American Airlines. That is if they want it. These tables will be comped to these clubs. The club will be responsible for an electrical connection if they want it. The \$20.00 we charge for electricity is just barely covering our costs of providing the connections. In fact next year, 2013, we may have to go up to \$25.

Our next planning meeting will be November 10, 2011 back at Rib Crib 81st and Yale.

73 DE WB5OSM

Merlin Griffin



Hamfest 2011

Ham Quiz for November

(From General Exam)

Which of the following describes a Beverage antenna?

- A. A vertical antenna constructed from beverage cans.
- B. A broad-band antenna for space reception.
- C. A helical antenna for space reception.
- D. A very long and low directional receiving antenna.



NOVEMBER TRO MEETING

Don't Miss It!

Dennis Peschka
with AIR EVAC LIFETEAM
will be attending
the November TRO meeting
to talk about LZ operations.



For more information about TRO, visit www.tulсахamradio.org

If you would like more information about the **Tulsa Repeater Organization** or have questions about articles in the newsletter, please contact us by e-mail at wa5lvt@tulсахamradio.net or write to:

Tulsa Repeater Organization

P.O. Box 1422
TULSA, OK 74101-1422

TRO officer contact information:

President: Stanley Callahan, KE5HPB, 918-381-9990 ke5hpb@tulсахamradio.org
Vice-president: Joe Gorkos, N5TEX, 918-230-8243 n5tex@tulсахamradio.org
Secretary: Ed Compos, K5CRQ, 918-231-7730 k5crq@cox.net
Treasurer: Gary Parham, KC5ZQP, 918-369-1055 kc5zqp@aol.com
Trustee: Merlin Griffin, WB5OSM, 918-520-7668 wb5osm@hotmail.com

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Activities: Tom Stroud, KD5OPH, 918-695-3735 kd5oph@tulсахamradio.org
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Public Relations: Cindy Downes, K5CED, 918-630-3636 cindy@me.com
Op Standards: Ben Joplin, WB5VST, 918-396-1651 wb5vst@tulсахamradio.org
By-laws: Bud Blust, WA5QDZ, 918-747-3704 debtfree@ionet.net
Past Pres. Mark Conklin, N7XYO, 918-366-2007 n7xyo@arrl.net



Tulsa Repeater Organization

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