



THE SIGNAL



Official Newsletter of the
Tulsa Repeater Organization



Vol. 49 Issue 6 August 2016

“Covering Tulsa through the air”

UP FRONT – A Word from the Editor

Last month's issue was a bear for me. We didn't have much to cover, but we sure went into depth on two major events.

First was Field Day. We didn't make as many contacts as we wanted, but we had enough fun that I think we are likely to go back to the Okmulgee EOC next year.

Then, the following weekend, Merlin Griffin, WB5OSM, Bob Buford, W5RAB, and Joe Gorkos, N5TEX installed the new 146.880 repeater at CityPlex. Major thanks and job well done to this crew!

I received 3 reports, two from Merlin and one from Joe, and combined them into one single report. Try doing that without unnecessarily restating information, and also presenting the information given from two different perspectives in one perspective. If I had not earned my editor's stripes before last month, I certainly have now! The only other thing I care to say is this: Editing is not for sissies!

The Signal is not the only platform I have to discuss ham radio. For several years now, I have had a blog where I write about ham radio and other subjects. My last two posts touch on presentations I made at the April and May TRO meetings. You can read them at randomcontact.blogspot.com.

The club needs your help. The Executive Committee wants our meetings and activities to be fun, interesting and helpful. So, we need program ideas. Do you have an idea for a program? If so, let us know! Are you curious about some aspect of ham radio, and would like to see a program on the topic? Let us know!

You don't have to put on the program, but if you are able and willing to do so, that would be great! Just tell us your idea, and we will work on putting it together.

The programs don't have to be about ham radio. Hams tend to be tech minded, so anything technical or scientific will do.

By the way, we used to tour a TV or broadcast radio station, or the Tulsa EOC, or the NWS Office once a year, but we haven't done that in about a decade. Let us know if you would like to go on such a tour, and where.

Send your ideas to TRO Vice President Paul Young at ke5ehm@tulsahamradio.org

Speaking of meetings, due to changes at Tally's, we are also looking for a new location. This month, we gave The Brook, 3401 South Peoria a “test drive.” It wasn't as noisy as Tally's, but I think we should keep looking. If you know of a possible meeting site, send us your suggestion.

Next month's Signal will include a full report on the Cystic Fibrosis Nite Ride. I served as Net Control again this year, and I have a lot of information to process.



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September Meeting

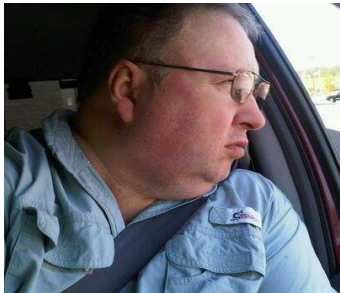
Tuesday 27 SEP 16

The Brook, 34th &

Peoria

(until further notice)

THE OFFICIAL WORD! - What Our Leaders Have To Say



PREZ SEZ

Mark Conklin N7XYO

NEW Meeting Location (until further notice)! The Brook Restaurant, 3401 S. Peoria Ave, Tulsa, in Brookside – Parking is in the back.

If you were at the July membership meeting you know why we're trying out a new meeting location. With the remodel at Tally's and the addition of two big openings in the wall, the noise made conversation and presentation a challenge. So we are in test drive mode for meeting locations. If you have suggestions for a spot with a separate dining space (away from the main dining area), that has room for 20 to 30 folks and must be open until at least 9PM. Please let your executive committee members know and we'll give it a try.

In the email blast this month announcing the new meeting location I mentioned that one of the best reasons to come to any club meeting is the people. For me, that's the biggest reason to come. Heck for many of us it's the main reason we attend the many hamfests. You know, with all the technology today, I think you could stay at home and read, or watch videos with information about the latest & greatest widget or ham radio activity. It's nice that we have programs and information that are interesting, and that adds to the meeting. But, for me it seeing friends and talking directly with members.

With that in mind I invite you and your family to the next TRO Club meeting. I also suggest that you invite and bring a friend or two your club meeting.

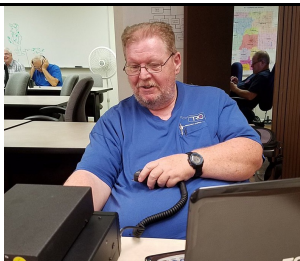
The repeaters are doing great. All of the TRO machines are OPEN, so lets key that PTT and get some QSO's rolling over the Tulsa air waves. We have an antenna improvement for the 146.880 machine that needs to be done soon.

Remember: If you have ideas and improvements for any of our machines please share those with TRO's Engineering Committee Chairman Joe Gorkos via email: N5TEX@tulsahamradio.org

See you at the meeting and as always thanks for being a member of the Tulsa Repeater Organization.

73 Mark Conklin N7XYO

FOR THE RECORD – Minutes and other organizational stuff



MEETING NOTES

DOUG LEE, KC5ZQM

Tulsa Repeater Organization Membership Meeting Minutes 26 JUL 2016

Tally's Good Food Cafe 11th & Yale, Tulsa OK

Open: 1904 by President Mark Conklin, N7XYO, with introductions **# Present:** 21, no visitors

Reading of Minutes: Membership meeting minutes waived on motion by Merlin Griffin, WB5OSM, seconded by Kenneth Baucum, KG5CBM, and approved by vote.

Executive Committee meeting minutes waived on motion by Joe Gorkos, N5TEX, seconded by Ben Joplin, WB5VST, and approved by vote.

Treasury Report: Read by Treasurer Steve Miller, AA5V. Field Day expenses paid to Mark N7XYO, deposit included 2 regular membership renewals, and one lifetime membership; one regular membership renewal *(continued on next page)*

FOR THE RECORD cont'd– Minutes and other organizational stuff**TRO Membership Meeting Minutes 26 JUL 2016 - cont'd**

came in through PayPal. Motion to accept seconded and passed on vote.

Engineering: Engineering Chair Joe Gorkos, N5TEX, started by recognizing the super job did by Bob Buford, W5RAB, and Tom Shaw, K5OVT at the 146.805 site at Autumn Oaks. Merlin WB5OSM then reviewed the installation of the new 146.880 repeater at CityPlex.

Activities: Activities Chair Kenneth Baucum, KG5CBM, began by again thanking those that helped with Tour de Cure, mentioned the American Diabetes Association will be hosting a Thank You party for all volunteers.

The Cystic Fibrosis Nite Ride is coming up on Friday, 19 AUG, and we will follow the plan created by Doug Lee, KC5ZQM for last year's event, and he will serve as Net Control while Kenneth sweeps the route on his bike. Kenneth then asked for a show of hands of those present who would help with the event. Six raised hands, and Kenneth accepted that as a vote of approval by the club to do the event. Volunteers need to be at Guthrie Green at 1830.

Kenneth continued with the Dam Jam bike ride. He has received an email, but not an application, so no plans will be made on that until an application comes in.

Kenneth finished by discussing Bike MS on 24 & 25 SEP. A club in Canadian County is taking the lead on this event, but because the MS people were pleased with the job Kenneth did, he will coordinate with that club. MS will rent vans from Tulsa, and the SAG drivers will drive them down to Norman, and back to Tulsa, so hams from Tulsa who volunteer could ride down with the SAG drivers. Kenneth will also coordinate with Bart Pickens, N5TWB on using the portable radios belonging to TARC that they used for Tulsa Tough.

Public Relations: PR Chair Doug Lee, KC5ZQM, discussed the PR display at Field Day, and the documents he has worked on since then. Most important is a PDF of the Radio Amateur's Code. It is already available at TulsaHamRadio.org, and he recommends everyone print out their own copy. He has also worked on updates on the online membership application and the membership recruiting brochure.

Membership: Chair not present, so no report.

Operating Standards: Chair Ed Compos, K5CRQ, had nothing to report.

By Laws: Chair not present, so no report

Trustee: Trustee Merlin Griffin, WB5OSM, had nothing to report.

Old Business: President Mark N7XYO reviewed the motion he made at the January meeting to stop the proposed merger with TARC, Joe N5TEX's amendment to table the decision for 6 months to make sure the entire membership is presented all the information, the results of the straw poll and that membership renewals and new members indicate the desire for TRO to continue as is. A vote by show of hands to approve the motion was taken, with 10 for, and 4 opposed.

New Business: No new business.

Announcements: Tony White, KA5TRO, announced that Broken Arrow Emergency Management will be starting a Technician class the Thursday after the meeting.

(continued on next page)

FOR THE RECORD cont'd– Minutes and other organizational stuff**TRO Membership Meeting Minutes 26 JUL 2016 - cont'd**

End of Business: 1948

Program: After a 10 minute intermission, Doug KC5ZQM moderated a Question and Answer Session. He had requested that people send in questions beforehand to the WA5LVT@tulsahamradio.org address, but no one did, so he took questions from the floor. Question covered TRO UHF repeaters in the area, excitors, and severe weather reports and Skywarn nets. Meeting dismissed at 2034.

Tulsa Repeater Organization Executive Committee Meeting

09 AUG 16 1900

Rib Crib, 81st & Yale

Officers present were:

President Mark Conklin, N7XYO

Vice President Paul Young, KE5EHM

Secretary / Public Relations Chair Doug Lee, KC5ZQM

Treasurer Steve Miller, AA5V

Trustee Merlin Griffin, WB5OSM

Engineering Chair Joe Gorkos, N5TEX

Operating Standards Chair Ed Compos, K5CRQ

Membership Chair Tom Stroud, KD5OPH

APRS Engineer Ben Joplin, WB5VST

President Mark Conklin, N7XYO opened the meeting at 1856.

Secretary Doug Lee, KC5ZQM read the minutes of the July membership meeting. Ben Joplin, WB5VST, moved to accept, Steve Miller, AA5V, seconded and motion passed on vote. Tom Stroud, KD5OPH, moved to accept the July Committee meeting minutes as published in The Signal. Ed Compos, K5CRQ, seconded, and motion carried.

Treasurer Steve Miller, AA5V, had emailed the treasury report to Committee members before the meeting.

Mark N7XYO moved to accept the report. Doug KC5ZQM seconded and motion passed.

Mark N7XYO suggested that Doug KC5ZQM resend the minutes before Committee meetings so he doesn't have to read them out loud.

Engineering: Engineering Chair Joe Gorkos, N5TEX, reported that he and Merlin Griffin, WB5OSM, had planned to check the 146.88 transmit antenna at CityPlex the previous Saturday, but canceled due to lightning. Questions arose about the model and the feedline.

Activities Chair Kenneth Baucum was not present, but Doug KC5ZQM discussed plans for the Cystic Fibrosis Nite Ride. Doug will serve as net control while Kenneth sweeps the route on his bike. Doug asked Ben WB5VST to monitor APRS at the command post to track Kenneth and the road SAG's.

(continued on next page)

FOR THE RECORD cont'd– Minutes and other organizational stuff**TRO August 2016 Executive Committee Meeting - cont'd**

In the Public Relations report, Doug KC5ZQM discussed changes to the membership recruiting brochure. No final decision made on the changes, so discussion will continue.

Membership Chair Tom KD5OPH had nothing to report.

Mark N7XYO then called for ideas for boosting membership, fundraising, and attendance. Joe N5TEX talked about some new radios that will come on the market in November, and we could pre-sell tickets for a drawing at Hamfest. He also said we could build some 2 meter antennas and sell them. Mark also mentioned that we could have a meeting where we encourage members to bring a friend.

Steve AA5V brought up a couple of items. First was a By Law proposal concerning the website, made by Gary Parham, KC5ZQP last year, and it needs to be voted on at the membership meeting. Then Steve asked about the Boy Scout Jamboree On The Air. Stan Callahan, KE5HPB has been our Boy Scout contact in the past, but has been sidelined by surgery preparations. Tom KD5OPH will call Stan about this.

Mark N7XYO then began a discussion of potential meeting locations. Stan KE5HPB, had suggested a cafe in Prattville, and Joe had mentioned a couple of Village Inns. The one on Harvard is a good central location, and Ed K5CRQ will check it out for us. We will likely try several places before we settle on a new regular meeting place.

Mark N7XYO moved on to program ideas. One suggestion was for Steve AA5V to check with his son about a presentation on the RadarScope weather app. Ben WB5VST said that if our meeting location has a suitable TV or monitor, he would do a program on APRS for newer hams. Joe N5TEX, said he has before and after pictures of the 146.88 rebuild, and could do a slideshow on that. That will be the program for this month. Another idea was Digital for Dummies, covering all the different digital modes showing up in ham radio.

The discussion of digital systems brought Mark N7XYO to the fact that we have little activity on our current repeaters, and the Committee decided on using 146.88 before and after meetings.

Mark N7XYO then asked Joe to have the Engineering staff to look into backup power for the repeaters, especially .88.

The Committee will continue to consider an MOU template for sharing of repeater sites.

Steve AA5V is still working to consolidate the inventory information of repeater equipment.

Instead of asking for the members to vote on accepting the minutes as published in The Signal, Doug KC5ZQM will reduce action items to bullet points to present at membership meetings.

The new membership application created by Doug KC5ZQM for the website is online. It will be edited later to include lifetime memberships, after a vote on changing the rate from 10 to 15 or 20 times the annual dues. Ben WB5VST moved we change to 15, Paul seconded, and motion carried.

Because the Q & A session at the July meeting went well despite the noise, Doug KC5ZQM said the idea for a Super Ham Cram in November before the 3rd Thursday test session is still under consideration. We will need to
(continued on next page)

FOR THE RECORD cont'd– Minutes and other organizational stuff

TRO August 2016 Executive Committee Meeting - cont'd

get instructors committed to covering the material.

New business: Mark N7XYO brought up the possibility of sending flowers for Mike Orange, N5YIQ, of Mayes County who became a Silent Key. Tom KD5OPH, moved to spend \$50.00, Ben WB5VST seconded, and motion passed. Mike was not a member of TRO, but always worked with the club on the Dam Jam bike ride.

Meeting closed at 2023 after motion by Merlin WB5OSM, second by Steve AA5V, and motion passed.

Tulsa Repeater Organization August 2016 Membership Meeting Minutes

Date 23 AUG 16

Location: The Brook, 3401 S Peoria

Open 1907 by President Mark Conklin, N7XYO

Present 16; no visitors

Reading of Minutes Summary of July membership meeting minutes read by Secretary Doug Lee, KC5ZQM. Vice President Paul Young, KE5EHM, moved to accept; Kenneth Baucum, KG5CBM seconded, motion passed. Doug then read the summary of the August Executive Committee meeting minutes; Ed Compos, K5CRQ, moved to accept; Kenneth seconded and motion passed.

Treasury Report Read by Treasurer Steve Miller, AA5V; Doug KC5ZQM moved to accept; Paul KE5EHM seconded; motion passed.

Engineering Chair Joe Gorkos, N5TEX, and Merlin Griffin, WB5OSM went to check the 146.88 transmit antenna, found part of it on the roof after lightning strike. Joe tried to rebuild a couple of G7's but could not get the SWR's down to an acceptable level. The engineering team is looking at installing a DB-224. Steve, AA5V, has an unknown antenna from the Mid-Continent Building. The main questions about using a DB-224 are the mounting, if the team can get the antenna on the roof, and the harness. To order a new DB-224, we would have to look for a different source because they are no longer made by Decibel Products. Mark N7XYO mention that he has used TESCO to order antennas for Okmulgee County. Bob Buford has a DB-224 he bought new for a project, but has never used and has offered it to the club at a good price. Ed, KC5RQ, made a motion for Joe and Merlin to investigate the mounting and other issues and if the DB-224 looks feasible, then they should go ahead with the installation. Bart Pickens, N5TWB, seconded and motion passed.

In other news relating to .88, Merlin WB5OSM has obtained a card to add Internet access for remote control of the repeater.

Joe, N5TEX, also reported that 444.1 is working great again.

Activities Chair Kenneth Baucum, KG5CBM, reported that the Cystic Fibrosis Nite Ride went well.

He still doesn't have an application for Dam Jam on September 10, but he has all the information. He has been coordinating with Jim Beach, KE5URF. The event will require 10 volunteers: 4 SAG's and 6 Safeties. APRS is not seen as necessary, but if Ben Joplin, WB5VST is available, they would use it. When Kenneth asked who would be willing to volunteer, only Paul KE5EHM raised his hand. Others indicated they will be and the RCWA Burger Burn instead.

Public Relations The Signal will be late this month.

(continued on next page)

FOR THE RECORD cont'd– Minutes and other organizational stuff

TRO August 2016 Membership Meeting Minutes - cont'd

Membership Chair Tom Stroud, KD5OPH, reported that a Bring A Friend contest will run from September through December. Every one who brings a friend to a meeting during those months will receive a ticket for each friend they bring. The drawing will be at the Christmas Party.

Operating Standards No report

By Laws The proposed By-Law change explicitly authorizing the electronic publishing of the The Signal was tabled until the specific wording can be found.

Trustee No report.

Old Business After a brief discussion of changing the dues for a lifetime membership from the equivalent of 10 years to 15 years, Steve Miller, AA5V, moved to make the change. Kenneth Baucum, KG5CBM seconded and motion passed.

New Business Steve Miller, AA5V, reported that according the vote in July, he spent \$50.00 for flowers for Mike Orange, N5YIQ, Silent Key, but the total was higher due to taxes and fees. Motion made to reimburse Steve for the overage, seconded and passed.

Announcements No announcements

End of Business 1942

Program Began at 1948. Joe, N5TEX discussed the components of a repeater and the operation of each component before showing Before and After photos of the 146.88 repeater. He also passed around the section of the transmit antenna that was found on the roof. Merlin, WB5OSM provided descriptions of the old components. Several people asked questions before the presentation ended at 2025.

GETTING TECHNICAL – Engineering Report, Repeater Status



**ENGINEERING REPORT –
Joe Gorkos, N5TEX**

From an email dated 13 AUG 16:

Merlin and I went up to CityPlex to investigate why the transmitter was not up to snuff.

I went out on the roof and immediately found a good portion of the antenna on the ground. It was broken off at one of the connection points, caused by a lightning hit that blew a hole through the side of the tubular support. The actual cable inside was missing several small pieces. The top aluminum section was bent over most likely caused by the fall from the support mast over the small housing and then on the big roof.

Since I have another unit which we took off of the roof several years ago it might be possible to make a good unit from both G7 antennas. Merlin suggested we look for a DB 224 antenna for a replacement since these G7

units are failing.
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GETTING TECHNICAL – Engineering Report, Repeater Status

REPEATER STATUS

146.805 (-) PL 88.5 71st & Yale - Working
 148.880 (-) PL 88.5 (CityPlex), 82.5 (Skiatook) or
 141.3(Keatonville receiver) 81st & Lewis - Working
 146.940 (-) PL 88.5 Sun Building, 9th & Detroit -
 Working
 444.1 (+) PL 88.5 Skyline East 41st & Skelly Drive -
 Working
 442.725 (+) PL 88.5 Water tower NW of Skiatook
 - Working
 444.950 (+) PL88.5 Lookout Mountain - Working
 ATV Repeater – Off the Air (equipment removed)

Engineering Report - cont'd

At this time we have switched the receiver antenna, which is a dual band unit I got from an SK several years ago, to the transmitter. Then we switched the half section still in place to the receive side of 146.88. This seems to be working OK for now but is only a temporary fix.

From email dated 15 AUG 16:

Further testing this morning by putting the antennas on a metal pole 6ft up in my garden. Neither one of those antennas after mixing parts would go below 2.0 :1. I can get one down to 1.3:1 at 153.00 MHz

I found another antenna, but not sure of the nomenclature. All metal good, hardware works good on 146.288. I think it may have come from the site downtown. Not sure on that but it works.

Sounds like you all want to put in a DB-224 and I am fine with that, especially if we have the parts. I have several masts we can use for a test bed. I do need to do further testing on all three antennas.

GETTING RADIO ACTIVE - Activities Report, Schedule of TRO Events



ACTIVITIES REPORT
Kenneth Baucum, KG5CBM

Thank you to everyone who came out to support the Cystic Fibrosis Ride For Life Night Ride this past week. It was a fairly small and easy event, but I don't want to ever take for granted the time donated by each of you who choose to participate in monitoring the route, communicating about hazards, and ensuring that each of the event participants makes it back safely to the finish. We had a great time gearing up once again, and I enjoyed supporting the ride from my bicycle -- it was a great effort by all. Thank you again!

I've been reaching out to Jim Beach, KE5URF, regarding DAM JAM on September 10th, and we'll be talking again very soon, hoping to get details ironed out so we can know how to best help that event. I'll be in touch via Facebook and our website with those details as they become available.

TRO EVENTS

PUBLIC SERVICE

Dam Jam Bike Tour
 10 SEP 16
 Whitaker Park, Pryor OK

TARC EVENTS

PUBLIC SERVICE

TBC Fall Century Bike Tour
 24 SEP 16
 Whirlpool Plant, US 75 & 76th Street North

SPECIAL EVENT OPERATION

Route 66 On The Air
 Saturday 10 SEP to Sunday 28 SEP

THE BIG PICTURE – News from Green Country Hamfest, ARES, Skywarn...
CLUB MEETINGS
Tulsa Repeater Organization

Fourth Tuesday of the month, except June (Field Day) and December (Christmas) 1900 (7PM)
The Brook, 34 & Peoria (until further notice)
Schedule for 2016: 27 SEP 25 OCT 22 NOV 20 DEC (Christmas Party)

Tulsa Amateur Radio Club

Third Tuesday of the month 1900 (7PM)
Keplinger Hall, TU Campus, 5th & Harvard
Schedule for 2016: 20 SEP 18 OCT 15 NOV 20 DEC

Broken Arrow Amateur Radio Club

First Monday of the month (except for holidays) 1900 Central Park Recreational Center, 1500 S Main, Broken Arrow
Schedule for 2016: 06 SEP (Tuesday due to holiday) 03 OCT 07 NOV 05 DEC (tentative due to holiday)

American Airlines Amateur Radio Club

Last Saturday of every quarter 0900 (AM)
Martin East Regional Library
26th & Garnett
Schedule for 2016: 29 SEP 31 DEC

Tulsa Digital Radio Club

Second Saturday of every month 1300 (1 PM)
Broken Arrow Central Library
300 W Broadway
Schedule for 2016: 10 SEP 08 OCT 12 NOV 10 DEC

Rogers County Wireless Association

Second Saturday of every month 0900 (9 AM)
Golden Corral Restaurant 1405 West Will Rogers Boulevard
Claremore OK
Schedule for 2016: 10 SEP 08 OCT 12 NOV 10 DEC

HAMFEST SCHEDULE
GREEN COUNTRY HAMFEST 07 - 08 APR 17

Claremore Expo 400 Veterans Parkway,
Claremore OK 74017

Regular planning meetings are the 2nd Thursday of every month, except summer, at the Rib Crib, 81st & Yale. Next meeting will be 08 SEP 16.

greencountryhamfest.org/

47th Annual Queen Wilhelmina Hamfest 09 – 10 SEP 16

Queen Wilhelmina State Park
Mena AR

menahamfest.net

TEXOMA HAMARAMA 21 – 22 OCT 16

Ardmore Convention Center
Ardmore OK

texomahamarama.org

Enid Hamfest 05 NOV 16

Hoover Building, Garfield County
Fairgrounds, 305 E Oxford Ave
Enid OK

www.enidarc.org/enidhamfest

ARES-Oklahoma Tulsa Regional Weekly Thursday Night Net

2000 hrs (8:00 PM) Every Thursday Weeks 1-3: 147.39 (no PL); Weeks 4 & 5: TARC W5IAS UHF Superlink System 443.850 (East Tulsa hub), 442.000 (Mannford), 444.600 (Mounds/ NW Okmulgee Co.), all with (+) offset and 88.5 PL.

Back- up: 146.880 (PL 82.5, 88.5 or 141.3)



Cystic Fibrosis Nite Ride 2016 Crew

*L to R: Brian Gnad, KB5TSI, Bart Pickens, N5TWB, Paul Teel, WB5ANX, Ben Joplin, WB5VST (kneeling), John Grace, KD5VSB, Ray Young, K5CFY, Doug Lee, KC5ZQM, Scott Haley, KD5NJR, Kenneth Baucum, KG5CBM, and Paul Young, KE5EHM
Not pictured: Dustin Dye, AF5XC*



*Tulsa ARES Net Control Operator Class
20 AUG 16*

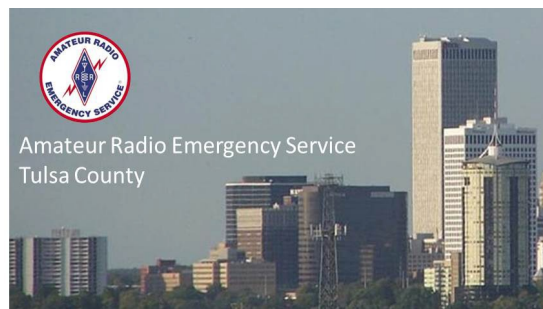
*Back row L to R: Luis Garcia, KG5MYP, Tony White, KA5TRO, Johnny Rentfrow, N5XQK, Russ Doden, KF5UZG
Front row L to R: Bret Lackey, KF5YEY, Bart Pickens, N5TWB, Dave Hardy, KG5GOA, Ray Young, K5CFY, Paul Teel, WB5ANX (Tulsa County EC / Instructor)
Seated L to R: Doug Lee, KC5ZQM, John Grace, KD5VSB, Ron Lancaster, KB5VDB*

HAVE YOU JOINED?

ARESOK.ORG

The purpose of our Mission is to move forward in providing Aid to folks who need help because of fire, flood, tornado or other disaster. We are volunteers who help to educate others with a heart to give aid to those in need.

-- Bobbi Goodson (KC5YGG/SK)



ARES Oklahoma HF Net @ 2130 hrs UTC (1630 CDT) Every Sunday
7.260 MHz (alt freq 3.900 MHz)+/- QRM

VE Test Sessions
WALK-INS ARE WELCOME AT ALL SESSIONS!

Tulsa Repeater Organization

Third Thursday of odd-numbered months, 1900 (7 PM)
American Red Cross 10151 E 11th (11th & US 169) Tulsa, Oklahoma 74128
Contact: Merlin Griffin WB5OSM at 918-520-7668 - leave message, or email: WB5OSM@hotmail.com
Schedule for 2016: 15 SEP 17 NOV

Broken Arrow Emergency Management

First Saturday of odd-numbered months - 0930 to 1100 (9:30 to 11 AM)
Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74013
Contact: Skipper Smith, NQ2J at: nq2j@mail.com, or 918-853-8118
Schedule for 2016: 03 SEP 05 NOV

Broken Arrow Amateur Radio Club

Second Saturday of even-numbered months at 0930 (9:30 AM)
Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74013
Contact: Don Doyle AC5II at AC5II@arrl.net or 918-379-0962
Schedule for 2016: 13 AUG 08 OCT 10 DEC

Rogers County Wireless Association (New session in Owasso)

First Saturday of each quarter at 0900 (9:00 AM)
Bethel Baptist Church 10705 E 86th St N, Room136 (133 overflow) Owasso, OK
Enter at east doors from parking lot
Contact: Phil Stephens, W5PTT at: W5PTT@cox.net
Schedule for 2016: 01 OCT

Tulsa Amateur Radio Club

Third Saturday of every month at 0900
Pentecostals of West Tulsa 2124 W 41st Tulsa OK
Contact: John Carr, K5TBL at K5TBL@arrl.net or (918) 289-1718
Schedule for 2016: 20 AUG 17 SEP 15 OCT 19 NOV 17 DEC

W5YI VEC SESSION

Last Saturday of even-numbered months, 0945 (9:45 AM)
Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74013
Contact: Skipper Smith, NQ2J at: nq2j@mail.com, or 918-853-8118
Schedule for 2016: 27 AUG 29 OCT 31 DEC

MAKING CONTACT – How To Find Out More About The Tulsa Repeater Organization

Our Website: www.tulsahamradio.org

Our Facebook: <https://www.facebook.com/groups/TulsaRepeaterOrganization/>

Our Yahoo Group: <https://groups.yahoo.com/neo/groups/WA5LVT/info>

Our Twitter: <https://twitter.com/TulsaRepeaters>

TRO OFFICER CONTACT INFORMATION

President	Mark Conklin	N7XY)	918.232.8346	n7xyo@arrl.net
Vice-President	Paul Young	KE5EHM	918.637.8414	ke5ehm@tulsahamradio.org
Secretary	Doug Lee	KC5ZQM	918.805.0337	kc5zqm@gmail.com
Treasurer	Steve Miller	AA5V	918.381.8574	aa5v@tulsahamradio.org
Trustee	Merlin Griffin	WB5OSM	918.520.7668	wb5osm@tulsahamradio.org
Activities	Kenneth Baucum	KG5CBM	918..271.1435	kg5cbm@gmail.com
By-Laws	Gary Parham	KC5ZQP	918.369.1065	kc5zqp@aol.com
Engineering	Joe Gorkos	N5TEX	918.230.8243	n5tex@tulsahamradio.org
Membership	Tom Stroud	KD5OPH	918..695.3735	kd5oph@tulsahamradio.org
Operating Standards	Ed Compos	K5CRQ	918.231.7730	k5crq@cox.net
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