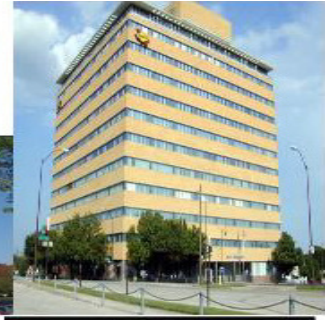




THE SIGNAL



Official Newsletter of the
Tulsa Repeater Organization



Vol. 52 Issue 7

July, 2019

“Covering Tulsa through the air”

PREZ SAYS:

Well another Field day has come and gone. We had 3 stations set up and made a few contacts and had fun doing it. I hope every one had a chance to get out to a field day somewhere and make a few contacts and meet a few new hams. I just received an application from Cystic Fibrosis Foundation want our help for their bike event on 09/27/2019. We will vote on this at the next meeting. Not much going on until then. I am not sure if we have a program for the next meeting on July 23. I hope to see everyone at the meeting.

President

Paul Young - KE5EHM

MEETING PLACE FOR JULY 23RD IS:

Shiloh's Family Restaurant
2604 North Aspen Avenue in Broken Arrow

In This Issue

PAGE 1 Prez Says
July Meeting Place
Output down on 146.88
146.88 Controller
PAGE 2 ARRL Emergency
Communications EC-01 Course
From ARRL.org
PAGE 3 From ARRL.org
Membership Meeting
Minutes
PAGE 4 Membership Meeting
Minutes
Treasurer's Report
PAGE 5 Engineering Report
ARES
PAGE 6 Club Meetings
VE Test Sessions
PAGE 7 Making Contact
TRO Officer Contact Information

OUTPUT DOWN ON THE 146.88 REPEATER:

The output on the 146.88 repeater has been low now for a month or so. Visual inspection of the antennas showed no obvious problems. So Bob and I will make arrangements for a site visit some time after the weather cools off. He suspects there may be a problem where the LMR coax run ends and the short Helix run to the antenna begins. We will need to open up the connection, inspect it and possibly stick a dummy load on it, and go back down to the 59th floor and analyze the feed-line again.

Merlin Griffin - WB5OSM

146.88 CONTROLLER & DVR MESSAGES:

There is supposed to be a way to control the repeater from a UHF control receiver. Not program, but control. There is a Wx net mode, much like the old 88 controller had. All announcements shut off, plays WX in Morse code on some squelch tales, and kind of like the UHF link system, will occasionally say something about Weather net in progress. There is also a controlled net mode, for special events. Again, most announcements shut down, and it occasionally asks users to contact the net control operator. Then there are commands to shut

off the transmitter if need be. Ways to disable some of the remote receivers if one of them causes a problem.

Bob - W5RAB thinks the NHRC controller that was in the 146.94 repeater that was removed after the repeater was hit with lightening is still good and will get it back to one of us on the tech committee to check out. Then we may replace the controller on 88 with it or decide to replace the current controller with a new one of some other kind.

By Merlin Griffin – WB5OSM



ARRL Emergency Communications EC-01 course:

Amateur Radio Emergency Services (ARES) has been rolling out new training requirements in 2019. One of the key requirements is passing the ARRL Emergency Communications EC-01 course. Recently twelve operators in the Tulsa area completed their coursework! Mike Avey (KG5MSO), Russ Doden (KF5UZG), Brian Gnad (KB5TSI), Bob Hildebrand (KG5MQQ), Rick Kruse (AF5CQ), Johnny Rentfro (N5XQK), David Rose (KI5DPS), Jeff Scoville (AE5ME), Kirk Shrewsbury (K1RKO), David Snell (KE7EK), and Tom Stroud (KD5OPH) all completed the course via classroom training in Broken Arrow. The Class started May 22, 2019 from 1800 - 2130 and ran every Wednesday until 07/17/2019. There were 11 students in class, all of whom completed the class and passed the EC-001 Exam (11 for 11!). Instructors Tom Devlin (AE5TD) and Paul Bisdorf (AE5PB) are to be commended for their excellent instruction and leadership. Dan Belcher (K5CAY) also completed the course via self-study, which is also awesome. This is a fantastic example of the dedicated volunteers we have in Northeast Oklahoma. Encourage and congratulate all of these when you see them.

Submitted by Paul Teel - WB5ANX, ARES EC – Tulsa Region

From ARRL.org July 17, 2019:

Major West Gulf Contest Station, Winlink Support Mexico Fire Response

In May, Mexican radio amateurs provided message communications from a conflagration in a remote area to civil protection authorities in Monterrey, Mexico. Two-member teams of volunteer operators were flown in via helicopter. Teams used Winlink connections with Winlink Express software using the weak-signal protocol Vara HF.

Use of Major Contest Station a Boon

A significant factor in this effort was the assistance and support of retired US contest operator

and station, Tom Whiteside, N5TW, of the Central Texas DX Contest Club, who dedicates his station to disaster response support using Winlink. His station in Georgetown, Texas, supported the effort from across the border with his 40- and 20-meter arrays. The volunteer teams at the fire site used a 40-meter dipole and a steerable portable dipole.

In addition to the Monterrey fire, Whiteside's station supported the International Health Service effort in Honduras and was the main link for the ARRL's effort in Puerto Rico in 2017 following the calamitous hurricanes there. Whiteside has served as the ARRL Section Emergency Coordinator for the South Texas section from 2009 through 2012 and continues as an assistant SEC. He is also a member of DHS NCC SHARES. Whiteside maintains a major antenna farm and operates a Winlink HF Trimode station (PACTOR, ARDOP, Vara and WINMOR) and three VHF RMS Packet stations.

Submitted by Mark Conklin – N7XYO

MEMBERSHIP MEETING MINUTES OF 05/28/19:

Tulsa Repeater Organization Membership Meeting Minutes

Date: May 28, 2019 1900 hrs. # Present:14

Secretary: Paul Teel, WB5ANX

Opening from Paul Young, KE5EHM, President

- Introductions

Reading of Minutes

- Motion to approve as submitted, Johnny Rentfro, N5XQK
- Seconded by Steve Murtha, KA5MOD
- Approved by voice vote

Treasurer's Report

- Motion to approve as submitted by Doug Lee, KC5ZQM
- Seconded by Ray Young, K5CFY
- Approved by voice vote

Engineering

- Bob reports all systems are working.

Activities

- Doug reported on recent activities in the area.
- Tour De Tulsa went well. (TARC led event)
- May 18, camp bandage was cancelled due to weather.
- Copland classic, May 18. Extra SAG's were needed to bring in the riders. Race was called due to weather.
- Tour De Cure, ADA. Will not use the 70 mile preplanned ride due to recent flooding. Updates will be posted on the FB page. NCO will be talk in 147.390. Ben for NCO.
- Field Day. Going to Kieffer Park. Sat only.

No report from: Public Relations, Membership, Operating Standards, By Laws, or Trustee:

No Old or New Business

End of Business:

- Merlin Griffin, WB5OSM, made a motion to adjourn.
- Steve, AA5V, seconded the motion.
- Motion approved by voice vote.
- Meeting adjourned at 1935 hours.

TRO TREASURY REPORT OF 07/21/19:

Total TRO Accounts Beginning Balance	\$5972..54
Checking Beginning Balance	\$2115.96
06/30 Chk 3272 Steve Miller – AA5V for Field Day Prizes	-\$45.33
Checking Balance	\$2070.63
PayPal Beginning Balance	\$373.89
No activity	
PayPal Ending Balance	\$373.89
Cash	\$30.00
Cash Balance	\$30.00
Savings Beginning Balance	\$3452.69
06/27 Int Earned Corr – 41 days	+1.94
06/28 Int Earned	+1.42
Ending Savings Account Balance	\$3456.05
Total TRO Account Balance	\$5930.57

Tulsa Repeater Organization IRS Form 990 filed on 07/11/2019

Respectfully Submitted by Steve Miller – AA5V 07/21/2019

New Members:

David Martin – KB5SNZ

ENGINEERING REPORT:

Joe Gorkos – N5TEX reports: Need to check the reason for low output on 146.88, which may be caused by issues with the coax connection or antenna. Still need to fix the DVR, we continue to send out the wrong meeting location.
All other systems are working at this time.

Thank you Bob – W5RAB, Tom – K5OVT and Joe – N5TEX

REPEATER STATUS

146.805 (-) PL 88.5 Autumn Oaks Building 71st & Yale - Working

146.880 (-) PL 88.5 (CityPlex), 82.5 (Skiatook) or 141.3 (Keetonville receiver) 81st & Lewis – Working, but, output power down a bit.

146.940 (-) PL 88.5 Sun Building, 9th & Detroit – Working

927.700 (-25 MHz) (902.7) CityPlex - Working

Metro Link:

444.1 (+) PL 88.5 Skyline East 41st & Skelly Drive – Working

444.725 (+) PL 88.5 GRDA tower NW of Skiatook – Working

444.950 (+) PL88.5 Autumn Oaks Building 71st & Yale – Working



ARES Net

Thursday evenings at 8:00 PM
1st, 2nd and 3rd Thursdays on the 147.39 MHz repeater
4th and if there is a 5th Thursday use the
TARC Super Link System 443.850 MHz
PL 88.5 Hz

CLUB MEETINGS

Tulsa Repeater Organization

Fourth Tuesday of the month, except June (Field Day) and December (Christmas) 1900 (7PM)
Shiloh's Restaurant, 2604 North Aspen, Broken Arrow
Come early if you plan on having dinner.
Schedule for 2019: JUL 23,AUG 27,SEP 24,OCT 22,
NOV 26, DEC 10

Tulsa Amateur Radio Club

Third Tuesday of the month 1900 (7PM)
Keplinger Hall, TU Campus, 5th & Harvard
Schedule for 2019: AUG 20,SEP 17,OCT 15,NOV 19,DEC 17

Broken Arrow Amateur Radio Club

First Monday of the month (except for holidays) 1900 (7 PM)
Central Park Recreational Center, 1500 S Main, Broken Arrow
Schedule for 2019: AUG 5, SEP 9, OCT 5, NOV 4, DEC 2

Rogers County Wireless Association

Second Friday of every month at 1900 (7 PM)
Eggbert's at 900 South Lynn Riggs Blvd, Claremore OK
Come around 6'ish if you plan on having dinner.
Schedule for 2019: AUG 9,SEP 13,OCT 11,NOV 8,DEC 13

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

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@cox.net , or 918-853-8118

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

Rogers County Wireless Association (New session in Owasso)

First Saturday of each quarter at 0900 (9:00 AM)
Trinity House, 9210 N Garnett, Owasso OK
Contact: Phil Stephens, W5PTT at: W5PTT@cox.net

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

ARRL VEC SESSION

Last Saturday of even-numbered months, 1000 to 1130 AM
Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74013
Walkins welcome until 1030
Contact: Skipper Smith, NQ2J at: nq2j@cox.net or 918-853-8118

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	Paul Young	KE5EHM	918.637.8414	ke5ehm@tulsahamradio.org
Vice-President	Tom Stroud	KD5OPH	918.695.3735	kd5oph@tulsahamradio.org
Secretary	Paul Teel	WB5ANX	918.640.6000	wb5anx@tulsahamradio.org
Treasurer	Steve Miller	AA5V	918.381.8574	aa5v@tulsahamradio.org
Trustee	Merlin Griffin	WB5OSM	918.520.7668	wb5osm@tulsahamradio.org
Activities	OPEN			
Engineering	Joe Gorkos	N5TEX	918.230.8243	n5tex@tulsahamradio.org
Public Relations	OPEN			
Membership	Tom Stroud	KD5OPH	918.695.3735	kd5oph@tulsahamradio.org
Operating Standards	Ed Compos	K5CRQ	918.231.7730	k5crq@cox.net
By-Laws	Gary Parham	KC5ZQP	918.369.1065	kc5zqp@aol.com
Past President	Mark Conklin	N7XYO	918.232.8436	n7xyo@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 or write to:

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TULSA, OK 74101-1422**

Mail to: