



THE SIGNAL



Official Newsletter of the
Tulsa Repeater Organization



Vol. 58 Issue 3

March, 2025

“Covering Tulsa through the air”

PREZ SAYZ:

Just got back from the NWS Tulsa Storm spotter training. Saw a lot of hams that I knew and some that I have not seen in years. If you haven't been to one of these trainings in a few years, I would suggest you attend one to catch up on the latest. Green Country Hamfest is next month, April 11 and 12. TRO will have a table up front. Stop by and say hi. You can also pay your club dues. You have until March 31 to get your Advance admission of \$8.00. I hope to see you there. We will have a few things to vote on at this month's meeting. The meeting will be on Tuesday March 25 at Freeway Cafe at 5849 South 49th West Avenue. The meeting starts at 7:00 but come early if you would like to eat with us.

TRO President
Paul Young - KE5EHM

PLACE FOR THE MEETING ON MARCH 25th IS FREEWAY CAFE:

The TRO meeting for March will be at
Freeway Cafe, 5849 S 49th West Avenue in Tulsa at 1900.
Come 30 minutes to an hour early if you plan to eat.

TRO MEMEBRSHIP DUES:

TRO annual membership dues are due in March. Regular - \$25.00 and Family - \$30.00
Mail To: Tulsa Repeater Organization
P. O. Box 1422
TULSA, OK 74101

You can make payment using PayPal. If you have a PayPal account, sign in to your account, select the Send and Request feature, then select Pay for Goods or Services. The system will ask for an email. Use wa5lvt@tulsahamradio.org. Then set the amount to \$25.00 US, add the description, “2025 TRO Membership Dues for < your name & callsign >,” designate the checking account or debit/credit card you wish to use, and submit. Both you and myself will receive confirmation emails when the payment has been processed.

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GREEN COUNTRY HAMFEST APRIL 11TH & 12TH, 2025:

Green Country Hamfest will be April 11 & 12, 2025 at Claremore Expo Center 400 Veterans Parkway. VE testing will be held Friday evening at the Expo Building Will Rogers room and the Saturday afternoon VE testing will be at the Rogers County Building on the far NW corner of the Expo Parking Lot directly across from El Azteca Mexican Restaurant.

Hamfest hours are Flea Market setup starts at 1200 hrs on Friday the 11th, public hours are from 16:00 to 21:00 on Friday, and flea market set up on Saturday the 12th starts at 07:00 and public hours start at 08:00. The Hamfest will end by 15:00 on Saturday. Admission is \$8.00 in advance and \$10.00 at the door. Flea Market tables are \$15.00 in advance and \$20.00 at the door. Electric service in the flea market area is very limited, it costs \$25.00 and you will need to provide your own heavy duty extension cord.

Plenty commercial vendors this year.

On-line registration is open now until March 31. Go to our website greencountryhamfest.org

There are only 25 flea market tables remaining at the time of this writing.

[Microtel Inn & Suites by Wyndham Claremore | Claremore, OK Hotels](#) is providing Special Hamfest prices. Use the above link or call Microtel at (918)343-2868 and use the code "GCHAMFEST25". Best prices in Claremore.

73 de WB5OSM

TRO TREASURY REPORT OF 03/15/25:

Treasury Report of March 15, 2025

| | |
|---|------------------|
| Total TRO Accounts Beginning Balance | \$6471.47 |
| Checking Beginning Balance | \$2558.52 |
| Checking Ending Balance | \$2558.52 |
| PayPal Beginning Balance | \$347.37 |
| No Activity | |
| PayPal Ending Balance | \$347.37 |
| Cash Beginning Balance | \$100.00 |
| Cash Ending Balance | \$100.00 |
| Savings Beginning Balance | \$3465.58 |
| 02/28 Interest Earned | +0.53 |
| Ending Savings Account Balance | \$3466.11 |
| Total TRO Account Balance | \$6472.00 |

Respectfully Submitted by Steve Miller – AA5V 03/15/2025

TRO SECRETARY - MINUTES OF GENERAL MEETING, 2/25/25:

Paul Young - KE5EHM, Presiding
9 Members present

Treasurer Report - Moved for approval as published in The Signal: Don F. - motion; Remell - second - APPROVED

Secretary Report - Read into the minutes from 1/28/25 meeting: Don F. - motion; Joe - second
APPROVED

Repeater Notes: New antenna coming for 146.94 to put it back on the air. 146.805 - still looking for a new location.

Activities upcoming: 3/15 - Weather Spotters training with NWS @ OSU-Tulsa. Woodland Hills also having their spring weather awareness expo that day but declined to participate due to conflict w/NWS.

Officer elections: Motion was made by Don F., seconded by Kenny - all currently serving officers, having agreed to remain in office, are returned for another term. APPROVED

Adjournment was moved by Don F.

Respectfully submitted -
Bart Pickens - N5TWB
TRO Secretary

Amateur Radio SKYWARN program, The Unsung Heroes of our communities:
By Tom Stroud – KD5OPH

About a quarter of all storm chasers are Amateur Radio Operators (known as hams) in all due respect they are the unsung heroes of our communities. In the context of severe weather, amateur radio serves two purposes. The first is to provide a backbone of emergency observations by qualified spotters in the field which are funneled directly through net control operators usually stationed or in link to the National Weather Service.

This program is known as SKYWARN. According to the interwebs "Google", there are 350,000 members nationwide connected with the Skywarn program. In an average year, the National Weather Service sees thousands of reports across the United States, with the exact number varying depending on weather patterns and the number of active Skywarn spotters. The second purpose is to allow chasers and mobile storm spotters to directly communicate with amateur radio operators. Many of them are chasers themselves.

The Skywarn program, supported sometimes sponsored by the National Weather Service and managed by its field offices, is typically an operation that uses a local team of strategically-placed spotters to transmit visual observations via amateur radio to net control operators in remote emergency operation centers EOC or linked to station operators at the National Weather Service. The reason for this is if infrastructure goes down these communication links will not be affected. They can hang a wire and talk around the world if needed.

Skywarn Spotters usually receive qualification locally at training classes presented by the National Weather Service and hosted by Local Emergency Management Agencies or amateur radio clubs. In which they are certified to report severe weather in their area. Their training is looked at as a progressive learning experience but the real schooling happens out in the field where the metal meets the meat. Each year they come back to build on their experiences.

In a further account, ARES Skywarn Amature Radio Operators are prepared to be plugged into the developing emergency or event. They can be repositioned to provide damage reports and cover hospitals. Emergency Agencies, Fire, EMS, and Emergency Management Operations, including Red Cross Shelter and Disaster Assistance Programs depending on the amount of infrastructure affected. They are ready to move into these events locally, regionally, and nationally if needed. All emergencies start locally.

Not only that they train at local events including marathons, bike, running, and music events to refine their communication service skills and abilities. The Skywarn network when activated can smoothly develop and migrate into other services as the event progresses. many Skywarn spotters are trained in incident management ICS. Their job is logistics and communication as needed. For a good number, The Storm spotting, though always needed is just the beginning of the day's work ahead.

Skywarn operations are conducted under the hat of RACES (Radio Amateur Civil Emergency Service,) or ARES (Amateur Radio Emergency Service). While ARES is an all-volunteer program, RACES was developed by the Federal Emergency Management Administration. and is operated by a local state emergency management agency. Keep in mind it was originally designed for civil defense operations during the Cold War, but lately has shifted to a focus on severe weather operations in large cities and rule areas. There is also REACT which operates on CB radio frequencies. In some locations, they are combined. In closing, The Skywarn program significantly contributes to identifying and reporting severe weather like thunderstorms, floods, tornadoes, and other hazardous weather conditions, providing crucial data for timely warnings. Skywarn spotters are an instrumental part of the warning process they are the Unsung Heroes of weather reporting before, during, and after the storm. I encourage you to support the amateur radio clubs and get involved with your local Skywarn program.

Thank you for your support and service.
73's, Stay safe prepared, and informed keep on talking,

Tom Stoud KD5OPH
TRO Membership Chairman
ARES DEC Dist-8
Storm Chaser, News Channel 8 First Warning Weather Team

- (www.skywarn.org)
- (www.races.net)
- (www.ares.org)
- (www.tulshamradio.org)
- (www.w5ias.com)
- (www.rcwa.org)
- (www.weather.org)
- <https://youtu.be/5z0cJaNKDtE?si=GuFGFOhoHRAqq9ut>
- <https://youtu.be/HO93z1a1Gil?feature=shared>

ENGINEERING REPORT:

Paul Teel – WB5ANX has been working at multiple sites to keep equipment running as well as planning a new site for the 146.805 repeater. He is trying to have the 146.94 repeater antenna replaced and the 146.805 repeater back in service before the spring weather gets started.

Thank you Paul – WB5ANX, Bob – W5RAB and Tom – K5OVT for all your time and effort for the clubs.

REPEATER STATUS

146.805 (-) PL 88.5 ? ? ? ? – Down
146.880 (-) PL 88.5 (CityPlex), 82.5 (Skiatook) or 141.3
(Keetonville receiver) 81st & Lewis – Working
146.940 (-) PL 88.5 Sun Building, 9th & Detroit – Down
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 (+) PL 88.5 ? ? ? ? – Down

TRO Scheduled Activities:

March 15, 2025 Saturday 0900 National Weather Service Storm Spotter Training
OSU Tulsa, Auditorium

March 25, 2025 Tuesday 1900 TRO Monthly Meeting at Freeway Cafe
5849 South 49th West Avenue. Come early to have supper.

April 11 & 12, 2025 Friday & Saturday Green Country Hamfest
Claremore Expo 4 to 9 PM Friday and 8 AM to 3 PM Saturday

April 22, 2025 Tuesday 1900 TRO Monthly Meeting at Freeway Cafe
5849 South 49th West Avenue. Come early to have supper.

May 27, 2025 Tuesday 1900 TRO Monthly Meeting at Freeway Cafe
5849 South 49th West Avenue. Come early to have supper.



ARES Net

Thursday evenings at 8:00 PM
1st, 2nd and 3rd Thursdays on the 145.11 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 at 1900 (7PM) except June (Field Day) and December (Christmas). Meetings are held at Freeway Cafe at 5849 South 49th West Avenue in Tulsa. If you plan on eating be there 30 minutes to an hour early.

Tulsa Amateur Radio Club

Third Tuesday of the month 1900 (7PM)
Meetings are held at Tulsa University Keplinger Hall Room 3140 (west of Harvard & 5th Street)

Broken Arrow Amateur Radio Club

First Monday of the month (except for holidays) 1900 (7 PM)
Community Recreation Center, 1500 South Main, Broken Arrow

Rogers County Wireless Association

Second Saturday of every month at 0800 (8 AM)
Check the RCWA website at www.rcwa.org for meeting information.

VE TEST SESSIONS WALK-INS ARE WELCOME AT ALL SESSIONS!

Check with the contact for each testing session for their plans.

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 WB5OSM@hotmail.com or (918)520-7668 - leave message

Broken Arrow Emergency Management

First Saturday of odd-numbered months - 0900 to 1100 (9:00 to 11 AM)
Broken Arrow Public Service Complex 1001 N 6th Street Broken Arrow OK 74012
Contact: Loyd Beeson, AE5MM at ae5mm@arrl.net or (918)638-2393 (text msg or voice)

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 74012
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 74055
Contact: Dustin Dye, AB5C at contact@rcwa.org or (918)734-0869

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

TRO OFFICER CONTACT INFORMATION

| | | | | |
|---------------------|----------------|--------|---------------|--|
| President | Paul Young | KE5EHM | 918.637.8414 | ke5ehm@tulsahamradio.org |
| Vice-President | Don Ferry | N5DGF | 918.607.3292 | n5dgf@tulsahamradio.org |
| Secretary | Bart Pickens | N5TWB | | n5twb@tulsahamradio.org |
| Treasurer | Steve Miller | AA5V | 918.381.8574 | aa5v@tulsahamradio.org |
| Trustee | Merlin Griffin | WB5OSM | 918.520.7668 | wb5osm@tulsahamradio.org |
| Activities | Paul Young | KE5EHM | 918.637.8414 | ke5ehm@tulsahamradio.org |
| Engineering | OPEN | | | |
| 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 |
| Newsletter Editor | Steve Miller | AA5V | | aa5v@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:

**Tulsa Repeater Organization
P.O. Box 1422
TULSA, OK 74101-1422**

Mail to: