



Tulsa Repeater Organization

THE SIGNAL

TRO's Official Monthly Newsletter

Volume 45 Issue 10

October 2012

25, 50, and 75 Years Ago in QST (October 2012)

By Dan Romanchik, KB6NU

QST publishes a column every month towards the back of the magazine that highlights from issues 25, 50, and 75 years ago. Now that the QST archive is online, it's really worth taking a look at these articles. Here are a few that caught my eye in October:

October 1937

* Modernizing the Simple Regenerative Receiver (http://p1k.arrl.org/pubs_archive/19076) by Vernon Chambers, W1JEQ. This a nicely-designed and built regen using two tubes, a 6K5 pentode and 6C5 triode. I'm going to keep this design in mind if I ever get around to playing with all the tubes I have. As an aside, I searched on W1JEQ's callsign and found out that he wrote 87 articles for QST from 1936 through February 1958. This was his third article.

* Concentrated Directional Antennas for Transmission and Reception (http://p1k.arrl.org/pubs_archive/19078) by John L. Reinartz, W1QP, and Burton T. Simpson, W8CPC. This article describes two different antennas. The first is a half-wave loop antenna that the author says works on 2-1/2, 5, 10, and 20m. The second is a square loop antenna called a "signal squirter" for 14 Mc.

October 1962

* In "New Apparatus" (http://p1k.arrl.org/pubs_archive/46246) on page 27, a key made by J. A. Hills, W8FYO, of Dayton, OH is shown under the heading, "New Key Mechanism for Electronic Keyers." The photo clearly shows a key whose design was adopted by Bencher for the BY-1 paddle.

* The Towering Problem (http://p1k.arrl.org/pubs_archive/46122) by Jay Kay Klein, WA2LII clearly shows that putting up towers have always been a problem for amateur radio operators. This is a humorous take on the problem. What's notable is that this type of humorous article almost never appears in QST anymore. Amateur radio seems to have lost its sense of humor, or at least its cadre of humorous writers.

October 1987

* Stalking Those Fugitive Components (http://p1k.arrl.org/pubs_archive/81357) by Doug DeMaw, W1FB. Today, we often complain about the demise of local parts suppliers, but this article shows that this was a problem 25 years ago as well. W1FB gives some advice that I gave not long ago on my blog. That is, stock up on parts, especially when you find a good deal on them, and you won't have to scrounge around for them when you

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FROM THE EDITOR

Want to be published?

Send in your ham radio related articles. Without your contributions the newsletter would be blank.

Charles Sharpe—NE3M

MEETINGS

The next TRO meeting will be Tuesday, Nov. 20th starting at 1930 at Tally's Good Food Cafe 1102 S Yale

PREZ SAYS BY STAN CALLAHAN—KE5HPB

I am so glad that to see the cooler weather and some rain. We now have no burn bans in effect except for the panhandle. Good news, just in time for my camp! As Ray and I prepare for our hunting seasons. I am not sure how much the drought will affect this years

hunt, but I know many creeks are still bone dry! Now onto other matters.

October is usually a quite month, as for we have no events scheduled. We do have a signed lease with Oklahoma Properties Investments, Kelly Baker for the SunCo Building with keys in hand!! As soon as the equipment is ready to install, we all have the '94 machine back in service. This is great news for us, the NWS and Emergency Managements in the surrounding areas.

The December meeting will be December 18 at Tallys Cafe. If you would like to eat a dinner there you can come around 6-6:30 ish and the meeting and party will commence around 7:30. This year TARC will join us for the December meeting/party. However the TRO prize giveaways will be for TRO members and TARC will do the same. If you belong to both clubs, you can make out like a 'bandit'!

Stan Callahan
KE5HPB

Treasury Report by Gary Parham-KC5ZQP**VICE PREZ SAYS BY JOE GORKOS N5TEX**

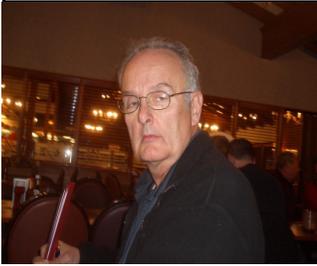
Where has this year gone? It is already October and we are in the process of planning this year's Christmas party. It will be at Tally's Good Food Cafe at 1102 S Yale Avenue on Tuesday December 18th. We will have a combined TARC and TRO Christmas party this year with each club having

their own prize drawings. What we are trying to figure out is what everyone would like to see as drawing prizes. Some suggestions are power supplies, hand held portables, connector adapters, and several ARRL books. If you have an idea what you would like to see as a prize let us know. More details about the party in next month's article. We will discuss the party at this upcoming meeting.

Next club meeting is October 23, the fourth Tuesday this month starting at 7:30PM. (Note next year we will be changing the meeting starting time to 7:00PM.)

Bart Pickens, N5TWB and I are having part 2 of the HAM Cram on OCT 27 in Sand Springs City Hall meeting room on the first floor of City Hall. It will start at 8:00am going over questions till noon. Then at 1:00 pm Merlin and several VEC's will give the Technician test. The cost is \$15.00 for the testing session.

There are still several more activities coming up before the end of the year (listed in the newsletter) and your participation will be greatly appreciated. It is good for us to practice and hone our skills and in the process help our local community. Thanks again for your help. N5TEX 73's

MINUTES BY ED COMPOS—K5CRQ (OCT BY DOUG KC5ZQM)

TRO Meeting minutes 25 SEP 12

President Stan Callahan, KE5HPB, opened the meeting with introductions at 1927 hrs.

Secretary Ed Compos, K5CRQ was absent, so no reading of the minutes from August meeting. The minutes were in the Signal. Mark Conklin, N7XYO moved to accept the minutes as published. Brian Gnad, KB5TSI, seconded and motion carried. Doug Lee, KC5ZQM, took minutes and attendance log for the meeting.

Treasurer Gary Parham, KC5ZQP, read the Treasury Report, which was same as what was in the Signal. Mark, N7XYO, moved and Charles Burka, KE5AHE seconded to approve the report, motion carried.

Vice President Joe Gorkos, N5TEX, reported on his trip to the TAPR (Tucson Amateur Packet Radio) conference in Atlanta GA. Lots of presenters were programmers using a variety of languages and platforms. A contingent of D-Star demonstrators were there as well. Joe mentioned that his son did a presentation on Introduction to APRS. The prize line-up was impressive, featuring the latest Kenwood digital radios. Joe also won a book on DSP (digital signal processing). Joe finished his report with an overview of his adventurous flights to and from the conference.

Engineering Chairman Steve Miller, AA5V, gave a report that mostly followed the one published in the Signal. He focused on the Keetonville remote receiver, the Sun Building lease agreement, status of the 146.94 repeater, the return of 444.1 to Skyline East, and the arrangement at Autumn Oaks. Keetonville receiver - fully operational with a PL of 88.5, same as Skiatook. Some tweaking still needed to get the system balanced. Thanks to Ed, K5CRQ for reprogramming the receivers, and setting them to use Pin 8 as a COS (carrier operated squelch) as well as Pin 4. Stan, KE5HPB reported that 146.88 worked well for the Bike MS event, as far as Davenport OK, between Stroud and Chandler.

Sun Building - Steve forwarded the lease signed by Stan to the Oklahoma Investment Partners, they have also signed it. Steve is waiting to receive a key, and he should have access anytime to the building. He is also familiar with the building, having worked there for years many years ago.

146.94 Repeater - getting close to ready for placement at Sun Building. Steve did have to re-arrange the components in the cabinet to allow easier access to the controller. He should have this wrapped up soon as the cooler weather affords him more time for these projects.

444.1 - ready to go back to Skyline East, just need to schedule a time.
Autumn Oaks - 146.805 and 444.950 get to stay there, thanks to Mike Reynolds, W0KIE. An Internet line is in place to the repeaters, so Echolink and IRLP are possible, just need to check with Brad Smith, KC5SP and Mark Thrash, WB5MBK about what they have planned and what they have done.



ARES/RACES Net
Tuesday evenings at
2000 local time on the
146.88 repeater with
back-up on 146.94

Op Standards
With
Ben Joplin, WB5VST
More next month



**FROM THE EDITOR BY
CHARLES SHARPE
NE3M**

Fellow members, What do you want to see in your Signal? Are there any special topics you want to include? Do any of you have an special interests you would like to show off. Send your articles to me @ csharpe3@gmail.com. I'll get as many as I can in the next few issues.

TRUSTEE'S CORNER
MERLIN GRIFFIN WB5OSM

No Trustee's corner this month.

Oklahoma Section Emergency Coordinator
Mark Conklin—N7XYO

Starting THURSDAY October 18 at 2000hrs Local the ARES-Oklahoma Tulsa Metro Zone5 weekly Thursday night net will be called on the W5IAS Superlink UHF system. Join this the Net every THURSDAY evening 2000hrs Local - Tulsa 443.850+ 88.5PL Back- up(s) 146.880- 88.5PL (or 141.3PL City Plex) Other repeaters on the W5ISA Superlink UHF system can be found on <http://www.w5ias.com/> or <http://oklahomarepeatersociety.org/repeaters>

Thanks you to the members of Tulsa Amateur Radio Club and the Tulsa Repeater Organization for the use of repeaters during the net.

73

Mark Conklin, N7XYO

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want them.

Digitizing all of the back issues of QST and putting them online is one of the things that the ARRL has done right. This is a wonderful resource for members. If you have a favorite QST article I'd love to hear about it. Please send me the title and the month it was published. My e-mail address is cwgeek@kb6nu.com. Thanks & 73.

When not perusing old issues of QST, Dan is the station manager for WA2HOM, the amateur radio station at Ann Arbor's Hands-On Museum. He also writes amateur radio license study guides. In fact, by the time you read this, the No-Nonsense Extra Class Study Guide should be available on Amazon. Just search for "KB6NU."

ENGINEERING REPORT FROM STEVE MILLER—AA5V

Frequency Rev/Xmt	Location	PL	Status
146.940/146.340		none	Down
146.880/146.280	Cityplex	141.3	Down
146.880/146.280	Skiatook	88.5	Up
146.805/146.205		none	Up
444.100/449.100	Temp - WB5OSM	88.5	Up
444.725/449.725		88.5	Up
444.950/449.950		none	Up
434.250/421.250	ATV	none	Up

Activities Chairman—Tom Stroud KD5OPH

It has been a very busy year in the activities slot TRO. As we near the end of the year we have one major event still yet to go. And for that we are asking for your help should you want to support an awesome race in the Tulsa metro. The main responsibility for us will be communication support for the Rapid Response Medical Golf Carts, we have 5 of them to staff for the Saturday marathon and 10 to staff for the Sunday full marathon November 17th and 18th.

Attendance is looking very good for this year's Williams Route 66 Marathons should be around 5000 runners for the Saturday half marathon and 15000+ for the Sunday full marathon. Now this will be a very busy day for us in the communication branch medical support is very important for the staff, participants, and general public that are there to watch the race. Our job is important and very much in need. With the event local to the Tulsa metro your portable HT should work just fine I would bring spare batteries if you have them. It is good to note to dress warmly for this one as you will be out in the elements in open golf carts and it can get windy and cold during the event. We are going to meet at veterans park at 6am the command center will be in the Mental Health Building to the west side of the park. You can find additional information for staffing and event details on Face Book page or the main Tulsa repeater organization .org web site.

I hope to see you out at the Williams Route 66 Marathon in Tulsa Oklahoma. Thank for all your support throughout the year without your help we could not get it done.

The Williams Route 66 Marathon, presented by Blue Cross and Blue Shield of Oklahoma, is just a month away. More than 1,500 volunteers are needed to help the events occur smoothly. Volunteers are needed to coordinate packet pick-up at the Health, Fitness and Sustainability Expo on Nov. 16-17. And on Nov. 17-18, individual and group volunteers are needed at the information tent, Gatorade stops, relay stations and the finish line.

As a volunteer, you can make a lasting impression on the participants. The race events benefit the Tulsa Area United Way, making it applicable for various group volunteer efforts. Allow us to help you further your company and inspire your employees through these volunteer opportunities. Register as a volunteer Today.

Volunteer Fred Williams KD5NBR—Tom Stroud KD5OPH



thanks for the prayers. I'm still alive ONLY because God wants me here. I SHOULD have died in this crash, the pictures show that. Fred

Latest update from Fred

I'm back in Tulsa now at the Kaiser Rehab Center, Room 236 at Hillcrest Medical Center. Visitors can come after 4:30PM most days. I have some pictures of my truck if you can stand to view them. I should remain an "In-patient" for another 10 to 14 days before allowed to go home, but there is much to do to get the house ready like a wheel chair ramp and more. Anyway, I'm alive and back in town. Fred Williams

In my 16 years as a Volunteer Fireman and EMT I have seen a lot of motor vehicle accidents. But after seeing the pictures and hearing the details of the the Pick-up truck head on into Simi Truck of our news 8 storm chaser, friend, and fellow ham radio brother Fred Williams. I would have to say that has to be the worst I have ever seen. Survivability in the cap of Fred's work truck cab was down to inches from almost a instantaneous impact into a Peter built Rock Hauler Simi Truck. I drove out to Enid Saturday to see Fred at St Mary's Regional Medical Center in Enid. I know Fred is going through a major ordeal right now and he has a long road to recovery but it was so grate just to see his face and hear his voice. Fred knows how close this one was for him and he will tell you all about it. I am just thankful to god that he is still here to talk about it. Fred will soon be back in Tulsa at a rehab recovery center. Please include him in your thoughts and prays as he is a friend and brother to us. Take the time to call or go buy and see him as he will draw strength form you. Fred we wish you a speedy recovery and look forward to seeing your smiling face back in the field.

From our Friend Fred Williams

Thanks to everyone for the prayers and well wishes, it is greatly appreciated. They are trying to get me transferred to a Tulsa rehab unit. I'll let you know when I'm back in town and can start to have any visitors. Please try and hold calls and if you do call, keep them short because we're getting overwhelmed and it's a zoo at times. Again,

AREA AMATEUR RADIO TESTING

When:
Third Thursday of odd numbered months.

Start @ 7:00 P.M.

By:

Where:

Red Cross building at 11th & 169.
Tulsa Area Chapter
10151 East 11th Street
Tulsa, OK 74128

Contact:

Merlin Griffin
Phone: 520-7668
Email: wb5osm@hotmail.com

When:
First or Second Saturday of ODD numbered months for 2012

January 7th
March 3th
May 5th
July 7th
September 8th (subject to change)
November 3th

From 0930 to 1100 AM.
Walk-ins Welcome Until 10:00 am

By:

Hardesty Regional Library VE Group (ARRL)

Where:

Hardesty Regional Library
8316 E 93rd Street
Tulsa, OK 74133

Contact:

Loyd - AE5MM
Phone: 918.638.2393 (text msg or voice)
Email: ae5mm@arrl.net

When:
Second Saturday of even numbered months

Start at 9:30 A.M.
Walk-ins Welcome

By:

Where:

Broken Arrow Church of Christ
505 E Kenosha Street
Broken Arrow, OK 74012

Contact:

Don Doyle AC5II
Phone: 379-0962
Email: ac5II@arrl.net

When:
Last Saturday of even numbered months

Start at 10:00 A.M.
All testing by appointment ONLY.

By:

Where:

Martin East Regional Library
2601 S. Garnett Rd.
Tulsa, OK 74129

Contact:

John K5ENA
Phone: 918.346.8284
Email: K5ENA@cox.net

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



AREA AMATEUR RADIO COMMUNITY SERVICE

Dates	Event	Need	Info
Nov 17th & 18th	Route 66 Marathon	Medical golf cart communication, Safety, and Sweep responsibilities.	Contact Tom Stroud



Tulsa Repeater Organization

P.O. Box 1422
Tulsa, OK 74101

Mail To:

For more information about the *TRO* visit www.tulсахamradio.org

Want more information about the *Tulsa Repeater Organization* or have questions about articles in the newsletter, contact us at email address wa5lvt@tulсахamradio.net or write to:

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

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