



The Peanut Whistle

The Monthly Newsletter of the Amateur Radio Club of Parker County

ARCPC NEWSLETTER VOLUME 29 NO. 6

JUNE 2019 ISSUE

PRESIDENT

DARYL PATE KC5SLQ

VICE-PRESIDENT

JAMES CHAMBERS KE5FLN

SECRETARY-TREASURER

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WILL TEAGUE W5KD*

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WILL TEAGUE W5KD

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VACANT

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PROGRAM-ACTIVITIES

VACANT

FIELD DAY 2019

JAMES CHAMBERS KE5FLN

HOSPITALITY

JUDY WOLF KB5JEY

REGISTERED AGENT

JERRY THOMPSON W7JT

RACES-ARES

TONY GUESS N5NRU

VE TESTING

DOUG MAY WB5VQQ

ARRL

WEST GULF-NTX STAFF
*DIR JOHN STRATTON N5AUS
V-DIR LEE COOPER W5LHC
SM STEVEN SMITH KG5VK*

A Change in Leaders of the Amateur Radio Club of Parker County



New officers for ARCPC— elected in May

Back row, left to right:

Thad Weikal_KG5ATD-Director/Immediate Past President;

Jay Cox_KG5BZW-Secretary/Treasurer;

Will Teague_W5KD-Director.

Front row:

James Chambers_KE5FLN-Vice-President;

Daryl Pate_KC5SLQ-President

ANNOUNCEMENTS

Upcoming Ham Fests/Conventions

HAMCOM IN PLANO THIS FRIDAY & SATURDAY

HAMFEST/CONVENTION
06/07/2019 | [West Gulf Division Convention
\(Ham-Com 2019\)](#)

Location: Plano, TX
Type: ARRL Convention
Sponsor: Ham-Com, Inc.
Website: <http://www.hamcom.org>

07/13/2019 | [Swapmeet](#)

Location: Texas City, TX
Type: ARRL Hamfest
Sponsor: Tidelands Amateur Radio Society
Website: <https://www.tidelands.org/>

ARCPC VE TESTING

VE testing for all license classes and up-grades will be conducted on the third Monday of each month, except November and December.

Time: 7:00 PM (Walk-ins allowed)
Contact: Douglas E. May WB5VQQ
(817) 613-7289
Email: dougmay@uwmail.com
VEC: ARRL/VEC
Location: What-a-Burger off of I20
Weatherford TX 76086

ARCPC HOSPITALITY



Cookies & Coffee

11 JUNE 2019
Meeting

Judy Wolf



Jake Sez!

“ The difference between who you are
and what you want to be is what you do “

HAMFEST/CONVENTION
07/26/2019 | [Ham Holiday 2019](#)

Location: Oklahoma City, OK
Type: ARRL Convention
Sponsor: Central Oklahoma Radio Amateurs
Website: <https://hamholiday.com>

08/02/2019 | [South Texas Section Conven-
tion, Austin Summerfest 2019](#)

Location: Austin, TX
Type: ARRL Convention
Sponsor: Austin ARC & Texas VHF-FM Society
Website: <http://www.austinsummerfest.org>

SLICENSING CLASS
07/23/2019 | [Garland TX 75040](#)

LICENSING CLASS
07/23/2019 | [Garland TX 75040](#)

Start/End Dates: 07/23/2019 - 08/20/2019
Times: 7pm until 9pm for 5 Tuesdays Nights in a row
of Sessions: 5
Class level: Technician

ARCPC MEETING MINUTES



Minutes of the Regular Monthly Meeting
Amateur Radio Club of Parker County
Tuesday, May 14, 2019

The meeting was called to order at 7:27 pm by President Thad Weikal, KG5ATD, at the Parker County Emergency Management (EOC) Building, 215 Trinity Street, Weatherford.

The invocation was given by David Nelson, KG5ASU. The Pledge of Allegiance and Pledge of Allegiance to the Texas State Flag was mostly self-led.

ANNOUNCEMENTS:

Introductions:

President Weikal initiated introductions around the meeting tables. A total of fourteen members were present for the meeting and one visitor.

Meeting minutes:

A motion to approve the minutes from the March meeting as published in the April monthly "Peanut Whistle" newsletter was requested. James Chambers, KE5LFN gave the first motion. Will Teague, W5KD, seconded. The motion carried.

A motion to approve the minutes from the April meeting as published in the May monthly "Peanut Whistle" newsletter was requested. David Nelson, KG5ASU, gave the first motion. Paul Potts, KI5AUY, gave the second motion. The motion carried.

[Yes, we approved two meeting minutes this meeting!]

Secretary/Treasurer Report:

Secretary/Treasurer Jay Cox, KG5BZW, gave the secretary/treasurer's report. We have 27 members and 16 life members noted as of this meeting. We noted that at least one of the lifetime members was verified to have died – Jack Perkins W5URH (<https://www.dignitymemorial.com/obituaries/fort-worth-tx/bobby-perkins-7886943>)

A motion to accept the treasurers report was made by Eric Flores, KI5TEX, and seconded by David Nelson, KG5ASU. Motion carried.

GENERAL ANNOUNCEMENTS AND NEW BUSINESS

We discussed the need to talk to Paul Finch follow up on call sign for 147.04 repeater. It still has Jack Perkin's callsign identifying it.

We discussed our ARRL Affiliation (We are an ARRL Club just not a special services club)

Vice president Daryl Pate, KC5SLQ, delivered an after action report for Ride for Heroes:

ARCPC MEETING MINUTES

We only had 40 to 50 riders. Only the 8 and 23 mile loops were kept open due to the weather and water over roads. We had a fair share of challenges with the radios. The Mobile Command Unit radios (ICOM 880H and ICOM 7000). We need paper programming manuals for both radios, because in an emergency situation, we may not be able to download the manuals, as the cell phone coverage might be down. The MERC radio, which is a Yaesu 857, has issues with its microphone.

June Field Day (brief overview 6/22 – 6/23):

*We will conduct Field Day at the Brock Fire Station #2 on Dennis Road.

*Jack Nixon, KG5BBW, this the point of contact for the location.

*We do not have a Field Day coordinator yet.

*We ought to check and run generator before the event. We can get 100% gasoline at Murphy's.

Our Parker County Hamfest and Emergency Preparedness Expo is on the calendar for November 2nd. Money for this should be discussed on the budget.

We discussed maintaining the repeater and providing the Parker County Repeater Association money for the repeater (also a budget item).

Part of our budgeting probably need to cover a new repeater box. This needs to be placed in the newsletter, *as it needs club approval*. Paul Finch, WB5IDM, Director of the Parker County Repeater association needs to be contacted as well. We also took a look at a backup 50W 2M repeater box the county had.

As part of our ham radio license testing session, one technician passed. He did not pass his general license test. We had another come on the wrong date, as QST had the wrong date for our test sessions.

We announced June 11th we will do the budget. Before the meeting we ought to conduct the budget meeting. (We later agreed to hold it at 6pm.)

Website options: Jay Cox mentioned Will Newman renewed our website last year running on HostGator for until June, 2021. Multiple people mentioned that GoDaddy has easy to use templates and that there should be content management options (WordPress, etc.) that can allow multiple users to add and edit content without requiring that they need to be HTML/CSS/JavaScript savvy. Jay needs to look at the GoDaddy options. Eric Flores, KI5TEX, volunteered to be on the website committee (which includes Secretary Jay Cox, and Vice President Daryl Pate).

VP Daryl Pate asked if we ever decided how we were going to reimburse for sending out postcards to existing ham radio operators in the county. Daryl will cut the card stock and print it out. He thinks the project will cost \$50. James Chambers, KE5LFN, gives a motion that this be done and that Daryl be reimbursed. Bob Ballard, KG5SQJ, gave a second. Motion carried.

Daryl proposes giving another introduction-style tech class. President Thad Weikal offered that without Daryl running it, it is not going to be run, so Daryl will come back with some dates that might work.

We noted that HamCom June 7th-8th. Also, All American Bicycle Ride in Springtown ride is June 8th. It starts and stops at the Springtown High School.

Elections:

All approvals were handled with a show of hands at appropriate times.

President:

President Thad Weikal removed his name from the ballot for President as there was a nomination. (Thad is not opposed to “new blood”.) Vice President Daryl Pate, KC5SLQ, was nominated for President by David Nelson, KG5ASU. We had no other volunteers. Daryl is club president-elect.

Vice President:

James Chambers, KE5LFN, was nominated for Vice President by David Nelson. We had no other volunteers. James Chambers is club vice president-elect.

Secretary-Treasurer:

Jay Cox, KG5BZW, was nominated to be Secretary-Treasurer by James Chambers, KE5LFN. There were no other volunteers. Jay Cox will continue to be Secretary-Treasurer.

Directors:

President Thad Weikal, KG5ATD, becomes a Director by being the outgoing president.

Jerry Thompson, W7JT, nominated Will Teague, W5KD, to be a Director. There were no other volunteers. Will Teague will continue to be a Director.

Jerry Thompson took a picture of the next officers.

Finishing up:

President Thad Weikal issued reminder about our Monday night net. We made note that Matt Sanders, who has been one of our regular net controls of our Monday night net, cordially declined his membership. He was also the Social Media director, and Thad has since recovered those accounts.

Bob Ballard will attempt net control.

The 2-meter simplex net is at 9pm.

We resolved that the club budget meeting will occur at 6pm so that it can be completed prior to the Tuesday, June 11th meeting.

TRAINING & ADJOURNMENT:

Everyone made a motion that we adjourn and we adjourned. We had no after meeting presentation as the meeting/elections was already a bit long.

Respectfully submitted,
By Jay Cox, KG5BZW
Secretary/Treasurer

Getting loaded (antenna-wise, anyway)

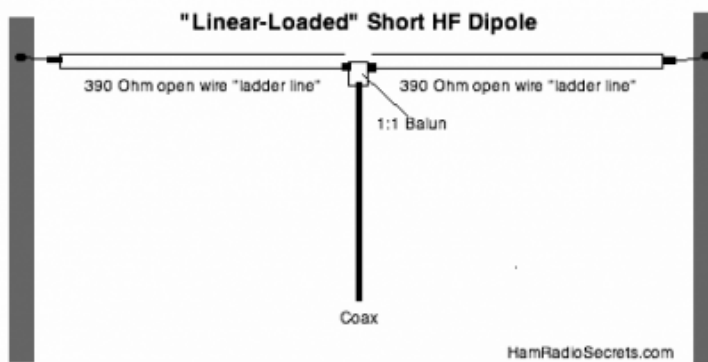
By Dan Romanchik, KB6NU

A couple of years ago, I homebrewed a "Cobra" antenna (<https://www.kb6nu.com/yet-another-new-antenna-the-cobra/>). It's a doublet antenna, meaning that it consists of two elements connected to a center insulator, where it connects to a feedline. The unique thing about the Cobra antenna is that each element consists of three parallel conductors connected in series.

My antenna uses a lightweight, three-conductor rotor cable that used to be available from Radio Shack. The feedline is 450 Ω ladder line that connects to an antenna tuner to give me multi-band operation. Connecting the conductors in this way is supposed to provide "linear loading." Somehow, running the conductors in parallel is supposed to increase the antenna's effective length. My antenna is only 73-ft. long, but it easily tunes up on 80m.

The *ARRL Antenna Book* has a short section on linear loading. It says that linear loading is a "little understood" alternative to inductive loading that can be applied to almost any type of antenna. Furthermore, "...it introduces very little loss, does not degrade directivity patterns, and has low enough Q to allow reasonably good bandwidths."

As I mentioned, I've been using this antenna with good results for a little more than two years now. When I first put it up, someone mentioned the concept of linear loading to me, but not being an antenna guru, I didn't give it much thought. About a week ago, though, I ran across a link to the page Short Ham Antennas for HF (<https://www.hamradiosecrets.com/short-ham-antennas.html>). That got me thinking about the topic again.



This page describes a way to build a linearly-loaded dipole antenna with a feedpoint impedance of approximately 35 Ω . This allows you to feed it with coax instead of the ladder line that I use. The author uses 390 Ω ladder line for the elements. He says it's commonly available, but I don't think I've ever seen 390 Ω ladder line. You could probably use 450 Ω ladder line by adjusting the element lengths a little. At that point, I started Googling. The next linear-loaded antenna design that I ran across is a design from M0PZT (<http://www.m0pzt.com/40m-linear-loaded-dipole/>). He built his elements from some sturdy wire and homebrewed spacers made from PVC pipe. He's used this design for the 40m elements of a fan dipole covering the 40m, 20m, 15m, and 12m bands. Only the 40m elements are linear-loaded.

Keith Pugh, W5IU Silent Key

ARISS Friends,

It is with great sadness that we announce the passing of ARISS team member **Keith Pugh, W5IU**.

Keith spent his life on Earth as a true gentleman serving others, enjoying friendship and relationships, and supporting his passions... amateur radio, flying and most importantly his love of God and all the great things on this Earth.

Those that knew Keith considered him a Texan through and through. But truth be told, he was born and raised in Dodge City, Kansas. After college, he left Kansas and settled permanently in the Fort Worth, Texas area where he picked up that Texas accent and welcomed us into his world. And it is in Texas where he passed away on May 24, 2019.

Active with AMSAT and Amateur Radio satellites since the 1980's, Keith jump-started his passion for amateur radio on human spaceflight missions in 1991, when the Space Station Mir was in orbit and Soviet ham radio operators were talking to the world-wide amateur radio community. Keith helped install a Soviet Space Exhibit in Fort Worth in 1991 and he hosted Musa Manarov U2MIR's visit to the USA. Ultimately, Keith joined the ARISS team in 2004, where he has provided support as one of our operations leaders, technical mentoring numerous schools and ARISS contact organizations and providing his warm friendship and guidance to all in our team. Keith also attended several of our ARISS International meetings, including our 2008 ARISS-I meeting in Moscow and Kaluga.

Many of us were aware of Keith's cancer. But, Keith being Keith, he kept most of his pain and suffering to himself. He remained joyful and humble until his death. In fact, just a few days before his death--this past Tuesday, Keith signed into the ARISS International teleconference, apologizing that he came in late. None of us knew this would be our last dialog with such a close friend and outstanding member of our team. As I stated, one of Keith's passions was flying as a private pilot. In fact for one of his vacations he flew a Cessna aircraft around Australia. As a fellow



pilot, I know that Keith must have been an avid fan of the poem "High Flight" written by John Gillespie Magee Jr. Paraphrasing this poem:
While we mourn the loss of our good friend, Keith Pugh, let us joyfully reflect on the fact that Keith has
Slipped the surly bonds of Earth
And danced the skies on laughter-silvered wings;
Topped the windswept heights with easy grace
And, while with silent lifting mind, Keith has trod
The high unsurpassed sanctity of Space,
Put out his hand and touched the face of God.
Our thoughts and prayers are with Keith Pugh, W5IU SK as he touches the face of God.

73, **Frank Bauer, KA3HDO**

Frank H. Bauer, KA3HDO
ISS Ham Radio Program Manager & PI
ARISS International Chair
AMSAT V.P. for Human Spaceflight Programs

From Southgate Amateur Radio News

(Cont. from pg. 6)

I also found a design for a linear loaded vertical antenna for 40m and 80m (<https://www.qsl.net/pa3hbb/ll.htm>). This antenna is only 7.736m, or 25.4 ft. tall. Of course, it requires a good radial system to work well, but it will work a lot better for DX than a low doublet or dipole.

Finally, there's an eHam discussion on linear loading (<https://www.eham.net/ehamforum/smf/index.php?topic=84418.0>). Unlike a lot of eHam discussions, this one is quite civil. It's worth reading if you're interested in the topic.

So, if you're thinking of getting loaded, errrrr, I mean loading your antennas, here's a method for you to consider. It works!

Provided By Dan Romanchik, KB6NU



W5PC

www.w5pc.org

**AMATEUR RADIO CLUB OF PARKER COUNTY, INC.
P.O. BOX 1795
WEATHERFORD, TX 76086-7795**

ARCPC INFORMATION NET

Mondays at 8:00 pm on 147.040 (Tone 110.9)

WC5C Net

Thursdays at 8:00 pm on 147.1600+ (Tone 110.9)

MEETINGS

The Amateur Radio Club of Parker County holds general membership meetings Throughout the year on a monthly basis the second Tuesday of each month beginning at 7:00pm at the Parker County EOC 215 Trinity Street, Weatherford, Texas 76086.

AMATEUR RADIO CLUB OF PARKER COUNTY MEMBERSHIP APPLICATION

NAME: _____ CALL SIGN: _____
LICENSE CLASS: (E)(A)(G)(T)(N) ARRL MEMBER: (YES) (NO) STATUS: (NEW) (RENEWAL)
(CIRCLE APPLICABLE ANSWERS ON ABOVE LINE)

ADDRESS: _____ EMAIL ADDRESS: _____
CITY: _____ STATE: _____ ZIP (plus 4): _____
PHONE: HOME: _____ WORK: _____

INITIATION FEE: One time initiation fee per family - \$5.00

ANNUAL DUES: \$15.00. HAM FAMILY MEMBERSHIP: \$20.00

(+ 1 same household or full time college student)

(Add an additional \$5.00 if you wish to receive a hard copy of the newsletter).

HAM FAMILY MEMBER NAME: _____

CALL SIGN: _____

Cut out and mail this application to the ARCPC Secretary/Treasurer along with you check or money order for the amount due. Or, bring it to the next regular club meeting.