



The Peanut Whistle

The Monthly Newsletter of the Amateur Radio Club of Parker County

ARCPC NEWSLETTER VOLUME 29 NO. 4

APRIL 2019 ISSUE

ARCPC OFF

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PROGRAM-ACTIVITIES
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FIELD DAY 2019
VACANT

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RACES-ARES
TONY GUESS N5NRU
BILL NEWMAN WL9N

VE TESTING
DOUG MAY WB5VQQ

ARRL
WEST GULF-NTX STAFF
JOHN STRATTON N5AUS
LEE COOPER W5LHC
STEVEN SMITH KG5VK

INTRODUCTION TO ELECTRICITY PART 3 BY JAMES CHAMBERS, KE5FLN



James prepares for his presentation.

(CONT. ON PG.5)

ANNOUNCEMENTS

Upcoming Ham Fests/Conventions

HAMFEST/CONVENTION

04/06/2019 | [Hanging Judge Hamfest](#)**Location:** Fort Smith, AR**Type:** ARRL Hamfest**Sponsor:** Fort Smith Area Amateur Radio Club**Website:** <http://www.hangingjudgehamfest.com/>04/12/2019 | [Oklahoma Section Convention \(Green Country Hamfest\)](#)**Location:** Claremore, OK**Type:** ARRL Convention**Sponsor:** Green Country Hamfest Association**Website:** <http://greencountryhamfest.org>

ARCPC VE TESTING

VE testing for all license classes and upgrades 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

09APRIL2019
Meeting

Judy Wolf



Jake Sez!

“ Why keep on enacting laws when we already have more than we can break “

HAMFEST/CONVENTION

04/27/2019 | [ARRL North Texas Mentorfest 2019](#)

Loca-

tion: Garland, TX**Type:** ARRL Convention**Sponsor:** ARRL North Texas Section, Hella Hams Amateur Radio Unit**Website:** <http://www.arrlntx.org/mentorfest>

LICENSING CLASS

04/27/2019 | [Lucas TX 75002](#)**Start/End Dates:** 04/27/2019 - 04/28/2019**Times:** 8:00 - 5:00**# of Sessions:** 2**Class level:** Technician04/27/2019 | [Mansfield TX 76063](#)**Start/End Dates:** 04/27/2019 - 05/11/2019**Times:** 8:30am to 4:00pm**# of Sessions:** 3**Class level:** General05/28/2019 | [Garland TX 75040](#)**Start/End Dates:** 05/28/2019 - 06/25/2019**Times:** 7pm until 9pm, 5 Tuesday Nights in a Row**# of Sessions:** 5**Class level:** General

ARCPC MEETING MINUTES



Minutes of the Regular Monthly Meeting
Amateur Radio Club of Parker County
Tuesday, March 12, 2019

The meeting was called to order at 7:18 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 Thad Weikal initiated introductions around the meeting tables. A total of 16 members were present for the meeting and 2 visitors.

Meeting minutes:

A motion to approve the minutes from the February meeting as published in the March monthly "Peanut Whistle" newsletter was made by James Chambers, KE5LFN. The motion was seconded by Will Teague, W5KD. Motion passed.

As brief aside, Will Teague, W5KD, reminded us that our newsletter is a namesake for QRP (low power) signals which were often called "peanut whistles" back in the day.

Secretary/Treasurer Report:

Secretary/Treasurer Jay Cox, KG5BZW, gave the secretary/treasurer's report. We have 27 members and 17 life members noted as of this meeting. Jay showed the club a receipt for club insurance that he directly paid for (the club will reimburse him with club funds).

A motion to accept the treasurers report was made by Bob Ballard, KG5SQJ, and seconded by Lynn Turley, W3TY.

GENERAL ANNOUNCEMENTS AND NEW BUSINESS

We briefly discussed the proposed Senate Bill 43.

We also briefly discussed the The North Texas Section Manager. Steven Lott Smith, KG5VK, is our new section manager, and this was in our newsletter.

We've been given a suggestion that we may need a new webmaster. Bill Newman has been our webmaster, but he hasn't been able to come to a meeting, as his skill set has brought him into participating in other meetings that happen on Tuesdays as well. This means he hasn't been able to participate as much as he would like. We discussed the need to have more than one person be able to

ARCPC MEETING MINUTES

update the website. We also discussed the possibility of letting the website “die on the vine” and build a new website.

Vice President Daryl Pate, KC5SLQ, gave briefing on sending cards to hams in area. Daryl passed around a paper of all ham radio operators in the county to mark of silent keys, etc.

Daryl also gave briefing on advertisements for Ham Radio Class we are hosting March 16th. This time all of our postings to newspapers will likely be free as it could be classified as a community event.

We announced that our county’s SKYWARN would occur March 26th, at the Mince Center on the Weatherford College campus from 7pm to 9pm.

On April 13th there will be the Brazos Valley/Santa Fe Dual District Boy Scout Camporee, near Granbury. Thad cannot help with it. (The activity we would be performing would not be enough for a scout to get his badge but we would be there to pique interest in radio.) We will need a point of contact.

On May 11th 2019, we will have the Ride for Heroes, which is one of our county’s bike Rides. This one is based out of Aledo, and past events finished at the Aledo High School Stadium. MERC (Medical Emergency Response Center?) will provide a trailer, which includes ham radios, but you might want to bring your own headphones if you are to assist in there. Our club is the primary amateur radio assistance for this event, and Thad Weikal is the point of contact to request to volunteer as a SAG (Support And Gear) or rest stop communicator or other support roles.

We need June Field day Coordinator. Matt Sanders might coordinate, but we don’t know for sure. Will Teague suggests we use the pavilion at the LDS church, if we can get it.

November 2nd will be next Parker County/Tri-County Hamfest (official name: Parker County Hamfest and Emergency Preparedness Expo). We should put in the ARRL posting for the event that vendors can set up Friday night and we will have someone to stay out there and watch over the equipment if necessary.

James Chambers, KE5LFN, will be our club’s Educational Coordinator. He’s also giving our presentation tonight.

Tom Keifer, KG5PBP noted that we could improve** when it comes to SKYWARN activity. This resulted in a rather long discussion on how SKYWARN works in Parker County in regards to ham radio. We may want to get Tony Guess, our SKYWARN coordinator, to clarify some points. One point of note, is that anyone can initiate a SKYWARN net.

***Not Tom’s exact words.*

Will Teague noted one passed his Technician in our amateur radio license testing session.

A club member noted we have some discrepancies in our pricing between what we say on the website and what we have at the end of our newsletters that needs to be corrected. The website needs to be updated. We also need to review when our current website contract expires.

Tom Keifer brought up the simplex has been moved to 7pm (on Mondays) 146.58MHz.

ARCPC Meeting Minutes

TRAINING & ADJOURNMENT:

David Nelson, KG5ASU, made a motion that we adjourn. Tom Keifer, KG5PBP, seconded that motion, and we adjourned.

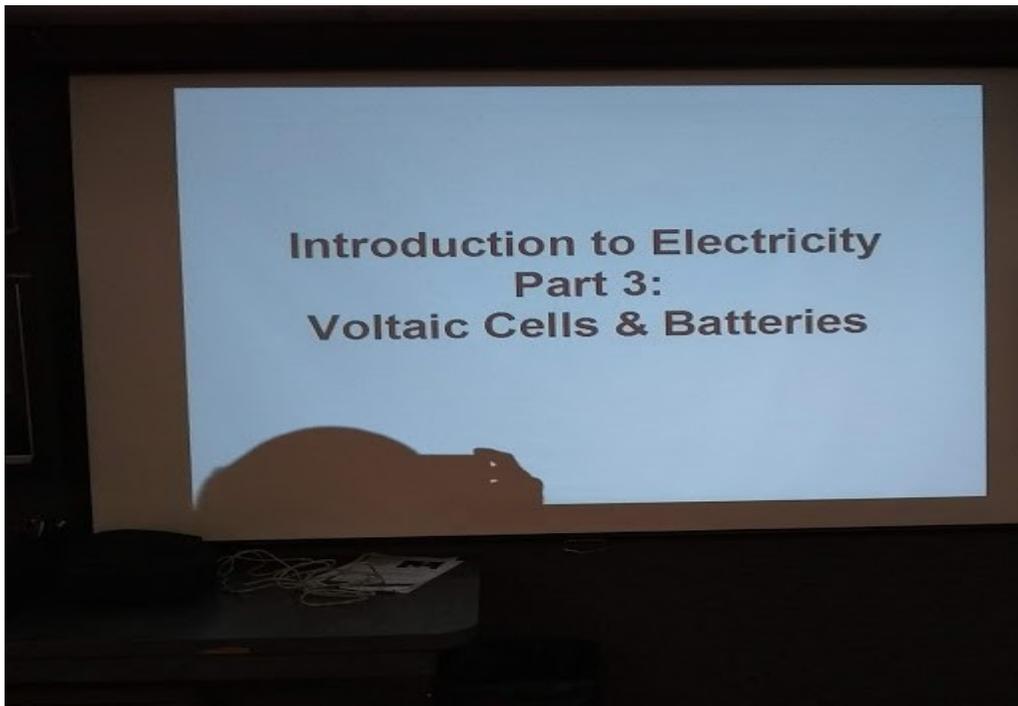
James Chambers, KE5LFN, continued with his presentations on electronics (part III). This month we focused mainly on batteries.

Respectfully submitted,
By Jay Cox, KG5BZW
Secretary/Treasurer

Meeting Minutes



James completes his presentation.



NPR: Hamnet over 70cm

Daniel Estévez EA4GPZ / M0HXM has been looking at NPR, an open-source modem designed to carry IP traffic over the 70cm Amateur Radio band, with data rates of up to 500 kbps

Daniel writes:

Guillaume F4HDK emailed me to introduce me his latest project, NPR (New Packet Radio). The goal of this modem is to be used for the Hamnet Amateur radio IP network, to give access to end users where coverage on the 2.3 GHz and 5 GHz bands is poor due to the terrain.

Overall, I think that NPR is a great project. In its present state it is already a useful kit that anyone can build. It is also a very nice platform to study and experiment with TDMA, and its protocol can be modified and improved further. It is also completely open-source, which I find essential for this kind of Amateur projects. Hopefully it will catch popularity and help increase the amount of data traffic in the 70cm band.

Read Daniel's detailed blog post at

<https://destevez.net/2019/04/npr-hamnet-over-70cm/>

Daniel notes that many of the National Bandplans for 70cm appear to lack the flexibility to cater for those who wish to experiment with wideband data modes.

The RSGB have prepared a paper - Digital Principles VIE19 C5-024 - for the IARU Region 1 Interim Meeting that takes place in Vienna, Austria, on April 27-28.

The paper says: *The increase in digital modes should be facilitated where possible by reviewing and relaxing Bandwidth restrictions that may have their origins in classical analogue modes (CW, SSB etc) – and may now impede new data modes."*

The RSGB proposes *Bandwidth restrictions should be reviewed and relaxed where possible to facilitate experimental and emerging digital communications modes"*

Download the paper from

<https://vienna.iaru-r1.org/conference-documents/c5/>

From Southgate Amateur Radio News

ARRL - North Texas Section updated their status.

By [ARRL - North Texas Section](#)

The New ARRL North Texas Section Manager
KG5VK Recruits Greg Evans K5GTX as the new Section Emergency Coordinator...

On April the 2nd, I met with Greg Evans K5GTX
We visited for almost two hours over some Bar BQ
in Wylie Texas.

We talked about his experience in ECOM, ARES and Ham Radio in General.
It was quickly obvious to me that he is a Team player and loves to work with
others.

His statement that he wants all the ASEC (Assistant Section Emergency Coordinators)
to be involved in all the dynamics of the position, so that if anyone falls out, our mission will carry on.
Was one of the highlights of our conversation, and there were many highlights.

In fact the virtual glass was half full throughout our meeting, although we did discuss some trying issues that we
all face with ECOM and have a mutual understanding on how to address the thorns that are ever present today.

Training while not a thorn, is a big concern of both of ours.
The lack of current ARES manuals and even brochures is another concern.
Greg and I are working these issues as fast, but as precise as we can.

With his Military experience and mine, I felt really great in choosing to interview Greg.
Less than half way into our meeting, Greg and I were practically finishing each others sentences to mutual satisfaction.
We also listened to each other and both smiled and knew he is the right man
for the job as our North Texas Section Emergency Coordinator

Just more positives...
Greg has a great working relationship with Jerry Goodson W5BFF,
as well as many other ECOM amateurs and professionals alike.
This will of course provide our section with continuity and a greater
depth of expertise.

Please join me in welcoming Greg Evans to the team as our Section Emergency Coordinator.

Department of Defense to Transmit Interoperability Exercise Info via WWV/WWVH

03/29/2019

The US Department of Defense (DOD) plans to start making use of a provisional time slot on WWV and WWVH to announce upcoming HF military communication exercises and how the Amateur Radio community can become involved in them. The announcements will occur at 10 minutes past on WWV and at 50 minutes past on WWVH. WWV and WWVH transmit on 2.5, 5, 10, 15, and 20 MHz.

“DOD’s use of the broadcast time slot on WWV/WWVH will benefit the MARS program’s mission of outreach to the Amateur Radio community,” said US Army Military Auxiliary Radio System (MARS) Program Manager Paul English, WD8DBY. “The actual messages to be broadcast are coordinated by the DOD Headquarters that the MARS program supports.”

The initial announcements are set for the period April 20 – May 3, which coincides with the “Vital Connection” interoperability exercise to be held in Wisconsin. Future time slots will coincide with the Vital Connection exercise Ohio in June; DOD COMEX 19-3 in August, and the DOD COMEX 19-4 in October. Following the proof of concept this year, DOD anticipates making use of the WWV/WWVH broadcast time slot full time, year-round.

At the outset, broadcast messages will likely be static. For future exercises, announcements could be updated throughout an exercise. The messages will direct listeners to a specified website to provide reception reports and feedback.

The reception report will also ask the listener to submit a survey that will be shared among DOD, MARS, and WWV/WWVH personnel. English said that the survey will ask listeners questions about how often they listen to WWV/WWVH signals, how they use them, and what types of messages they would like to hear, but he notes that the survey is still under development.

“We want to provide feedback to WWV/WWVH to improve situational awareness of who is using their service and how it’s being used, as well as future considerations,” English said.

Membership Application/Renewal form 2018-2019



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.