



The Peanut Whistle

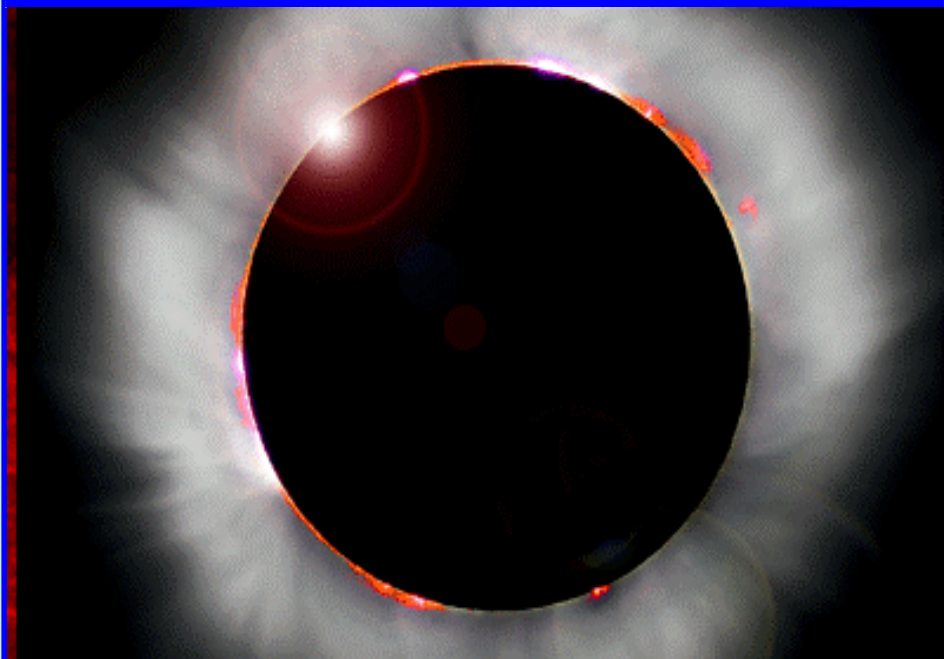
The Monthly Newsletter of the Amateur Radio Club of Parker County

ARCPC NEWSLETTER VOLUME 27 NO. 8

AUGUST 2017 ISSUE

SOLAR ECLIPSE

AUGUST 21, 2017



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THAD WEIKAL KG5ATD

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WILLIAM NEWMAN WL9N

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CLUB HISTORIAN

WILL TEAGUE W5KD

PROGRAM-ACTIVITIES

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FIELD DAY 2018

VACANT

HOSPITALITY

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REGISTERED AGENT

JERRY THOMPSON W7JT

RACES-ARES

ALLEN BEADLE KB5AB

TONY GUESS N5NRU

BILL NEWMAN WL9N

VE TESTING

DOUG MAY WB5VQQ

ARRL

WEST GULF-NTX STAFF

DAVID WOOLWEAVER K5RAV

JOHN STRATTON N5AUS

JAY URISH W5GM

Mid-August 2017

People from all over the world begin to converge on the United States. Except for people returning home, visiting family, or conducting business at what happens to be just exactly the right time in history, these will be people who make it a point to travel to wherever the Moon's shadow is going to touch the earth, and position themselves in a spot carefully chosen - sometimes years in advance - to ensure they see the sight.

These people will make contingency travel plans in case of last-minute clouds. These people will fill hotel rooms, sometimes inadvertently displacing locals from their homes as space gets harder to come by. These people will travel through miles of desert or forest or frozen wasteland, braving the harshest of conditions...for a short glimpse at the eclipsed Sun.

These people are coming to America, because for the first time in 26 years, a total solar eclipse will occur in our great country, and we will play host to the world's eclipse-chasers. For those of us who already live here, but have never seen an eclipse, this is the opportunity of a lifetime - to see the most beautiful thing on the planet, and maybe not even have to get on an airplane to get to it!

ANNOUNCEMENTS

Upcoming Ham Fests/Conventions

08/04/2017 | South Texas Section Convention (Austin Summerfest)

Location: Austin, TX

Type: ARRL Convention

Sponsor: Austin ARC & Texas VHF-FM Society

Website: <http://www.austinsummerfest.org>**10/07/2017 | HamEXPO**

Location: Belton, TX

Type: ARRL Hamfest

Sponsor: Temple Amateur Radio Club

Website: <http://tarc.org/hamexpo/>**10/27/2017 | Texoma Hamarama**

Location: Ardmore, OK

Type: ARRL Hamfest Sponsor:

Texoma Hamarama, Inc.

Website: <http://texomahamarama.org>**11/04/2017 | Enid ARC Hamfest**

Location: Enid, OK

Type: ARRL Hamfest

Sponsor: Enid Amateur Radio Club

Website: <http://enidarc.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) 613-7289Email: dougmay@uwmil.com

VEC: ARRL/VEC

Location: What-a-Burger off of I20

ARCPC HOSPITALITY

August, 2017 Meeting

**Refreshments**

Judy Wolf
KB5JEY

**Jake Sez!**

"...a pessimist is an optimist with experience..."

The Amateur's Code

by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE..... never knowingly operating in such a way as to lessen the pleasure of others.

LOYAL..... offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE..... with knowledge abreast of science, a well built and efficient station, and operation beyond reproach.

FRIENDLY..... with slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED..... Radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC..... with station and skill always ready for service to country and community.

ARCPC MEETING MINUTES



Minutes of the Regular Monthly Meeting
Amateur Radio Club of Parker County
Tuesday, July 11, 2017

The meeting was called to order at 7:20 by President Thad Weikal, KG5ATD, at the Parker County Emergency Management (EOC) Building, 215 Trinity Street, Weatherford.

The invocation was given by Doug May, WB5VQQ. President Thad Weikal, KG5ATD, afterwards led in the Pledge of Allegiance and Pledge of Allegiance to State Flag which was said by all in attendance.

ANNOUNCEMENTS:

Introductions:

Vice President Tony Jones, KG5ELV, initiated introductions around the meeting tables. A total of 13 members were present for the meeting and 1 guest.

Meeting minutes:

A motion was made by Jerry Thompson, W7JT, and a second by Director Will Teague, W5KD, to approve the Minutes for the June 13, 2017 Regular Monthly Meeting as printed in the July 2017 edition of the 'Peanut Whistle with the provision that Paul Finch's callsign be corrected to WB5IDM.

Secretary/Treasurer Report:

The Financial Report was given by Secretary/Treasurer Jay Cox, KG5BZW.

Membership: I only have only 14 paid members including one member paid until 2023. (This does not include life members.)

\$59.75 check for the trailer

\$30 deposit for new or renewing members.

A motion to accept the treasurers report was made by Tony Jones, KG5ELV, and a second by Alene May, KD5NNQ.

OLD BUSINESS:

ARCPC 2017 Hamfest Committee:

President Thad Weikal mentioned if we are going to have a hamfest, we need volunteers for the committee, we need someone to handle table sales and booth sales, PR, food coordination, and most importantly, we need a location.

Weatherford Peach Pedal Bicycle Ride:

ARCPC assisted the Weatherford Peach Pedal Bicycle Ride on Saturday July 8, 2017. Tri-County organized the assistance. Assistance provided for net control, rest stops, and SAG wagons.

President Thad Weikal noted that he (KG5ATD) was there as well as Jerry (W7JT) and Jay (KG5BZW) and thanked all who participated. The president also noted Alan Brantley (KF5VTS, Saginaw ARC) drove the furthest to help and as SAG hauled the most, and towards the end was about ready to leave when a call came in that a SAG vehicle was already full with two riders when he found 4 riders needing assistance and Brantley volunteered once more.

Social Media and Communications:

President Thad Weikal repeated and elaborated on our social media presence and the methods to contact ARCPC.

We use the ARCPC@yahoogroups.com for email contact. [Secretary's note: it was W5PC at one time, so that might cause some confusion in trying to message the Yahoo group.]

ARCPC@juno.com is the club email address and is monitored by more than one person. "ARCPC Ham Club" is a page/user placed on Facebook that forwards Facebook communication to that email address. The arpcinfo@W5PC.org email address found on our website (w5pc.org) also forwards to that Juno email address

We do have a Facebook user/account (Arcpc Ham Club), Twitter (@ArcpcHAM_Club), and Linked-In ("ARCPC HAM Club") account.

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ARCPC MEETING MINUTES

Newsletter Editor:

Our newsletter editor, Will Teague, W5KD, requests some assistance. One of these days he might not be able to do it.

Club-Owned Property Inventory:

President Thad Weikal notes the Club-Owned Property Inventory is still pending. We need to schedule a day that 3 or 4 of go in there and clean it up/take pictures and show to the club. Right now its all kinda tossed in there and it's hard to evaluate what all we need or get rid of.

Jack Nixon KG5BBW made a motion and Doug May WB5VQQ seconded it that three or four people make the decision for the club and evaluate or clean out. Motion passed.

Judy noted that she has tables located in the club shed.

Hold Meeting on a different night?

Will Teague had proposed putting forward a motion that we consider moving the meeting to a new night. President Thad then sent out an email to ARCPC@yahoogroups.org to get responses as to the best day of the week to possibly move it to.

As of the meeting, the responses he got were):

Monday – 30
Tuesday – 2 (one for 1st Tuesday and 1 “not for 4th Tuesday”)
Thursday, Friday, or Saturday – 2

We found that one of the respondents was actually not an active member. That started a brief discussion about who should be on the yahoo group email list or not and how to manage the list.

In any case, the original motion was tabled.

NCVEC Quickform 605 Application for Amateur Operator Primary Station License?

Secretary Jay Cox noted that one of his mailings included this application and an offer to send in the application to renew “W5PC”, our club’s vanity call sign for a fee. Director Will Teague noted he knows our vanity call expires in September, and we don’t need someone else to send in the application (we know what needs to be done) Materials related to this mailing were given over to Doug May. We also learned from Will that the previous owner of W5PC liked to use “Pole Cat” for the phonetic suffix.

Volunteer lists:

A reminder, we have established or are establishing lists of members for the following areas of interest:

1. Elmer's list. (Anyone interested in assisting new hams or anyone interested in sharing knowledge on a particular ham radio topic)
2. SKYWARN
3. CERT
4. Parker County RACES
5. ARRL ARES
6. Local Emergency assistance (may not be CERT related)

Bob Ballard's Baofeng Class:

President Thad Weikal asked if Bob Ballard, KG5SQJ, would volunteer to give us the same class he has given the Tri-County and Saginaw clubs on the topic of programming your Baofeng radios. He has kindly volunteered and the next meeting on August 8, 2017, he will give his presentation, which is hands-on. You will be manually programming your radio during the presentation!

NEW BUSINESS

VE Testing Report:

Doug May, WB5VQQ, reported there were no license exams given at the June VE testing session. Testing Sessions will still continue. The next one is July 17th 2017 at 7:00pm at the Whataburger in Weatherford on I-20 (every third Monday). Doug did note that, for some reason, the ARRL website did not list his test session. So he emailed the VEC coordinator as to why, and the coordinator said apparently the ARRL did not receive Doug’s information, so Doug emailed them back, and the sessions are now posted.

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ARCPC MEETING MINUTES

Continued from page 4

ARRL Special Service club:

Will Teague notes that our club has been affiliated with the ARRL as a "Special Service" club. It is a designation we have to renew every two years. Will wasn't sure if it was time to renew it or not. It involves filling out a form stating the club is active doing this, this, this, and this, etc. Joel Page thinks he sent the last one in. Do we want to continue to be registered as a special service club?

GENERAL ANNOUNCEMENTS

Monday Night Net Volunteers:

President Thad Weikal inquired if any attending members would volunteer to assist with the Club's Net Control duties on Monday nights at 8:00pm during the next five-week period beginning on Monday, July 17th. Tony Jones volunteered to assist on July 31. There were no other volunteers.

Our primary repeater for our our Monday night information nets is 147.040+ PL110.9.

Our backup repeater is 443.800+ PL110.9.

Our secondary backup repeater is 443.2+ PL110.9 and that's our local North Central Texas Connection repeater (so if we do hold a net there, it will be broadcast all over the NCTC system).

Springtown All American Bike Rally Appreciation

President Thad Weikal notes he received the following note from Dr. Moss.

"Thanks again for helping with the bike rally this year. Having your group run SAG and communication is a huge help. Please tell your members how much we appreciate their help. God Bless. Dr. Robert Moss."

TRAINING & ADJOURNMENT:

There was no training session scheduled for this meeting.

There was a 50/50 raffle, but all \$15 was donated to the Kitchen Refund.

A motion was made at 8:05pm to adjourn by Tony Jones, KG5ELV. James Chambers, KE5LFN seconded the motion.

As noted previously, the next meeting will be on August 8, 2017 – 7:00pm at the Parker County EOC (217 Trinity, across the street from Albertsons). It will have a class (as noted above) and we will have our yearly Ice Cream social. Bring your Baofeng radios, ice cream, and your favorite deserts!

Respectfully submitted,
By Jay Cox, KG5BZW
Secretary/Treasurer

Don't forget that the August meeting on Tuesday the 8th is the annual ice cream social. Bring the ice cream of your choice or cookies, brownies etc. Most of the evening will be ice cream eating and a presentation on programing the Baofeng portable radios.

See you there!!

Ham researcher to investigate effects of solar eclipse

By Dan Romanchik, KB6NU

August 21 is a once-in-a-lifetime opportunity for many in the U.S. to see a total eclipse. It's also an opportunity for a team of Virginia Tech researchers to study the effects of the eclipse on changes in the upper atmosphere that have an impact on HF propagation and the global positioning system (GPS). Backed by research funding from NASA and the National Science Foundation, the team is headed by Dr. Greg Earle, W4GDE.

The Virginia Tech team plans to gather data from a variety of sources, including radar systems, transceivers, satellites, ham radio, and GPS receivers, in order to analyze the effects of the solar eclipse on the conductive region of the atmosphere.

"Whether military radar, or consumer GPS signals, the eclipse is going to have effects on the medium that we would like to understand better, so that we can either mitigate them or use them to our advantage," said Earle.

Here are a couple of links to news stories on the research team and the experiments:

* Virginia Tech team prepares for special project during total solar eclipse (<http://wset.com/news/local/virginia-tech-team-prepares-for-special-project-during-total-solar-eclipse>)

* Virginia Tech expert to study August solar eclipse effects on radar, ham radio, GPS (<http://wtkr.com/2017/07/17/virginia-tech-expert-to-study-august-solar-eclipse-effects-on-radar-ham-radio-gps/>)

Let's party!

In conjunction with the eclipse, the HamSCI and the ARRL are sponsoring the Solar Eclipse QSO Party (<http://www.hamsci.org/seqp>). (SEQP). According to an article in the August 2017 issue of QST, the goal of the SEQP is to "flood the airwaves with contacts, all measured by the automated receiver networks of the Reverse Beacon Network, PSKReporter, and WSPRNet." Once all the logs are in, researchers will analyze the data to see what effect the eclipse had on radio propagation.

A YouTube video of a presentation at Dayton on the SEQP can be found at <https://youtu.be/3EviY2Cuxpo?list=PLihPo8xWmo8-xDYAtpP9BWX9QnhUoT7k4>

The SEQP will run from 1400Z - 2200Z on Monday, August 21. This is well before the eclipse is due to begin on the West Coast. The reason it starts before the eclipse is to establish a baseline for radio propagation conditions.

SEQP organizers urge you to make as many contacts as you can on as many bands as you can operate. Like nearly every contest, contacts are not allowed on 60m, 30m, 17m, and 12m. CW, RTTY, and PSK31 are the preferred modes because automated receivers can record those contacts, but phone and other digital modes count, too.

An interesting twist to this contest is that, like Field Day, you can earn a number of bonus points, including:

- * Operating outdoors (100 points)
- * Operating in a public place (100 points)
- * Operating a wide-band automated receiver at your station (100 points)

Hams have had a long history of supporting scientific research. They provided communications for some of the early polar explorations and listened for Sputnik as it flew overhead. The Solar Eclipse QSO Party continues this tradition, and it's going to be a lot of fun as well. Visit the HamSCI website (<http://www.hamsci.org/seqp>) for more information.

Dan Romanchik, KB6NU, blogs about amateur radio at KB6NU.Com, and is the author of the "No Nonsense" amateur radio license study guides and the CW Geek's Guide to Having Fun With Morse Code." You can reach him by emailing cwgeek@kb6nu.com.

NEWS BRIEFS

FCC Crackdown on Pirate Broadcasters Targets at Least One More Amateur Licensee

A recent flurry of FCC Enforcement Bureau correspondence to alleged unlicensed broadcasters has targeted at least one more radio amateur — this time in the Greater New York City area. It's not the first time Winston A. Tulloch, KC2ALN, of Paterson, New Jersey, has heard from the FCC, which has had Tulloch in its sights for at least several months regarding a pirate FM station on 90.9 MHz. Last November, the Enforcement Bureau sent Tulloch a Notice of Unlicensed Operation after receiving information that he was operating a radio station. FCC agents used direction-finding techniques to zero in on a signal on 90.9 MHz coming from his residence.

“The field strength of the signal on frequency 90.9 MHz was measured at 105,451 microvolts per meter ($\mu\text{V/m}$) at 101 meters, which exceeded the maximum permitted level of 250 $\mu\text{V/m}$ at 3 meters for non-licensed devices,” the FCC said at the time.

Tulloch was sent a second Notice of Unlicensed Operation on June 8, after Enforcement Bureau agents from the FCC's New York Office on May 2 responded to a complaint of an unlicensed FM station operating on 90.9 MHz in Paterson. This time the signal, measured at 176,526 $\mu\text{V/m}$, was determined to be emanating from another residence about 1 mile from Tulloch's. The FCC said someone at the residence identified Tulloch as the station's operator.

A third Notice of Unlicensed Operation followed on June 30, after Enforcement Bureau agents following up in the unlicensed FM station investigation in Paterson on June 12 confirmed by direction-finding techniques that the signal on 90.9 MHz was continuing to come from the same residence. On that occasion, the agents measured the signal at 5,705 $\mu\text{V/m}$ at 185 meters, still greatly exceeding the maximum permitted under FCC Part 15 rules for unlicensed devices.

FCC Enforcement Bureau Region 1 Director David C. Dombrowski now has advised Tulloch at least three times that the unlicensed radio operation on 90.9 MHz “must be discontinued immediately.” The Commission's enforcement resources are already suffering from last year's closing of FCC field offices and the layoffs of field agents, however, and the current administration's budget allocates less money for the FCC.

In late May, the Enforcement Bureau issued a Notice of Violation (NoV) to Lyle E. Hilden, KD6LUL, of Vista, California, alleging that he had engaged in pirate radio broadcasting on the FM band.

In the past week, the Enforcement Bureau also sent Notices of Unlicensed Operation to other individuals in the Greater New York City area as well as to individuals and couples in Massachusetts and Florida.

Information on this page was taken from the ARRL Website

NEWS BRIEFS

Bouvet Island 3Y0Z DXpedition Organizers Planning for 14 to 16 Days on the Air

The organizers of the January 2018 3Y0Z DXpedition to Bouvet Island — the second most-wanted DXCC entity, according to Club Log's DXCC Most Wanted List — said the team continues to refine its plans and, "depending on weather and other factors," hopes to be on the air for 14 to 16 days. The team will depart the South Shetlands Islands on January 13, 2018, the 3Y0Z organizers said in a June 27 news release.

"Our transit time to Bouvet will be between 9 and 11 days depending on weather and the sea state. Upon arrival at Bouvet we will conduct reconnaissance flights to the island and select a campsite free of crevasses. As weather permits we will begin building our radio city on the ice and secure our infrastructure. Then antennas will go up, our equipment will be assembled, and we will begin non-stop operations." The team will be at Bouvet for 3 weeks.

Preparations will continue over the summer and fall, including testing equipment under harsh conditions, assembling, testing, and packing antennas, and packing and shipping the Sea Container from Atlanta. The estimated cost of this DXpedition is upward of \$750,000. The DXpedition has a Facebook page. — Thanks to Ralph Fedor, K0IR; Bob Allphin, K4UEE, and Erling Wiig, LA6VM for the 3Y0Z team

Belize, Cyprus, and Philippines Open 60-Meter Bands

Radio amateurs in Belize, Cyprus, and the Philippines now have access to contiguous 60-meter bands.

In Belize, the secondary allocation of 5,351.5 to 5,366.5 kHz has become available with a maximum EIRP of 25 W.

The Cyprus telecoms regulator, the Department of Electronic Communications, on June 30 issued a gazette notice updating the national frequency table to include the new WRC-15 secondary allocation of 5,351.5 to 5,366.5 kHz with a maximum EIRP of 15 W, as well as the secondary MW allocation of 472 to 479 kHz, with a maximum EIRP of 1 W.

The Philippines Telecom Regulator, the National Telecommunications Commission, has granted amateur access to 5,351.5 to 5,366.5 kHz under ITU footnote 5.133B, with a maximum EIRP of 15 W. -- Thanks to Paul Gaskell, G4MWO/The 5 MHz Newsletter

Information on this page was taken from the ARRL Website

Membership Application/Renewal form 2017-2018



W5PC

www.w5pc.org



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

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 (+ 1 same household or full time college

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

ANNUAL MEMBERSHIP RENEWALS ARE DUE IN JUNE