

AARC OVER

*Keeping
Austin
Wireless*

*for
100
Years!*



AARC

Bulletin of the
Austin Amateur Radio Club

ISSN 1067-0262

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November, 2019

ARRL News

DE K5MSK, Editor

FCC Seeks Telecommunications Specialist

ARRL - 2019-10-29 22:00:09

The FCC is looking for a telecommunications specialist to work at the HF Direction Finding Center in Columbia, Maryland. This is a full-time position with a competitive salary. The incumbent would perform “watch duty” and serve as a technical authority, providing technical assistance and guidance to communication systems users to resolve radio ...

Read the complete article here: <http://www.arrl.org/news/view/fcc-seeks-telecommunications-specialist-1>

FCC Turns Down Petition to Amend Amateur Radio Identification Rules

The FCC has denied a Petition for Rule Making (PRM) to amend Part 97 station identification rules to better accommodate and simplify station identification during emergency nets, drills, or activations. ARRL member Robert A. Dukish, KK8DX, of Canfield, Ohio, had sought a change to Section 97.119(a) of the rules to allow a single point of transmission for station ID on those occasions. He proposed permitting a net control station or ...

Read the complete article here: <http://www.arrl.org/arrlletter?issue=2019-10-24#toc07>



It's Election Time!

Already?! Yes! It has been a whole year since we elected our current officers. It has been a great year with Field Day 2019 and the AARC's 100th Anniversary. But the time is growing near to ring in a new year.

Nominations from the October meeting are as follows:

Kerby Spruiell (KG5DLD) has been nominated for President. Lew Thompson (W5IFQ) is nominated for Vice President. Mark Jenkins (W5MPJ) is nominated for Vice President.

If no other nominations are presented for President and Kerby is elected for the position, we will need a new Secretary.

Final nominations and election of officers occurs at the November meeting. Please attend and cast your vote! The new officers assume office on January 1st.



HAM RADIO TEST RESULTS

AARC would like to congratulate the following individuals on their accomplishments!

The following are the results of the ARRL VE test session held on October 12th, 2019 at Bethany United Methodist Church:

Technician Class Licenses Processed

Jamal M. Amidon KI5GVI
Rafael M. Martinez KI5GVF

Gregory R. Coonrod KI5GVE
Eric M. Rachal KI5GVH

Christopher E. Grubb KI5GVJ
John T. Williams KI5GVG

General Class License Processed

Christian L. Cooper KI5GVL

Christopher Garza KI5GVK

Phillip W. Haddock KI5ANO

Extra Class License Processed

Samuel C. Downs KI5GPZ

Blake N. Patterson K5BNP

Examiners Participating in this Test Session

Craig Bean AC5KW
Joe Makeever W5HS

Gary Becker AF5QB
Jim Matthews KG5QFD

Ted Iglehart KF5END
Jim Peisker AF5NP

Next ARRL VE Test Sessions

November 2nd - Bethany United Methodist Church, Disciple Building, Room 203/204

December 7th - Bethany United Methodist Church, Disciple Building, Room 203/204

TNX ES 73 DE W5HS

Joe

10/20/19

The South Austin W5YI VE team heartily congratulates the following people who earned new or upgraded amateur radio licenses at our October 19th, 2019 session:

Amateur Extra Class

Douglas McIntire KI5GPS

General Class

Evan Sventek KE0WZH

Daniel Chickering (NEW)

Technician Class (New)

Eric Zedler

Jaydon Bromfield

Timothy Howe

Examiners Participating in this Test Session

Craig Bean, AC5KW

Wally Marusa, K5WLY
Dale Davis, KG5DRV

Stuart Wolfe, KF5NIX

Our next two amateur radio exam sessions will start at 2 PM on November 16th and December 21st in Fleck Hall, room 118 on the campus of St. Edward's University. All sessions are walk-in and the exam fee is \$14 (cash or check).

For additional information regarding our amateur radio examination sessions, please contact Craig, AC5KW at (512) 474-6443 or by e-mail to [craigmb5 /at/ gmail.com](mailto:craigmb5@at/gmail.com)



[ARRL to Launch New *On the Air* Magazine](#)

ARRL is launching a new magazine, *On the Air*, in January 2020. To be published on a bimonthly basis, *On the Air* will offer new and beginner-to-intermediate-level radio amateurs a fresh approach to exploring radio communication. Each issue will include advice and insights on topics from the variety of Amateur Radio interests and activities: radio technology, operating, equipment, project building, and emergency communication. ...

Read the complete article here: <http://www.arrl.org/arrlletter?issue=2019-10-17#toc01>

[PACTOR Developer SCS Announces Monitoring Software](#)

SCS, the company that created PACTOR, has unveiled software (<https://www.p4dragon.com/en/PMON.html>) that offers the ability to monitor the content of PACTOR 1, 2, and 3 transmissions over the air. The free PMON software runs under the Linux operating system. A software version to monitor PACTOR 4 is scheduled to become available next year. PMON will offer "thorough observation and documentation ...

Read the complete article here: <http://www.arrl.org/arrlletter?issue=2019-10-17#toc09>

[FCC Proposes Fining New York Radio Amateur \\$17,000 for Alleged Deliberate Interference](#)

Harold Guretzky, K6DPZ, of Richmond Hill, New York, is facing a \$17,000 FCC fine for allegedly causing intentional interference on a local repeater and preventing other radio amateurs from using it. The FCC issued a Notice of Apparent Liability for Forfeiture (NAL) on October 3. "Given his history as a repeat offender, this violation warrants a significant penalty," the FCC said in the NAL. The NAL recounted numerous complaints ...

Read the complete article here: <http://www.arrl.org/arrlletter?issue=2019-10-10#toc01>

[New ARRL Handbook and ARRL Antenna Book Editions Available \[...\]](#)

Now shipping, the latest editions of **The ARRL Handbook for Radio Communications** and **The ARRL Antenna Book for Radio Communications** are available in formats that best suit your needs. The 2020 edition of the Handbook offers three choices -- traditional softcover, a six-volume, shrink-wrapped book set (not a boxed set), and eBook digital editions. The 24th edition of the Antenna Book now is available as a four-volume boxed set, in addition to the traditional softcover version, and eBook digital editions.

Read the complete article here: <http://www.arrl.org/arrlletter?issue=2019-10-24#toc02>

ARRL Audio News

ARRL Audio News is a summary of the week's top news stories in the world of Amateur Radio, along with interviews and other features. Enjoy ARRL Audio News anywhere: on your smart phone or tablet, your local repeater, or stream it on the go!

Read the complete details how to listen here: <http://www.arrl.org/arrl-audio-news>

[Editor: I *still* haven't scoured the ARRL website to learn of all the features they have for us. This is yet another one I've stumbled upon. It looks like the news sessions are each *about* ten (10) minutes long. So if you're heading somewhere in the car, why not queue this up before you start your travel and play it over Bluetooth to your car stereo? Then you don't have to read the news later!]

Candidates for ARRL Directors and Vice Directors Announced

Two races for the office of ARRL Director and one contest for Vice Director are set for this fall. [...] In the West Gulf Division, incumbent John Stratton, N5AUS, faces a challenge from Madison Jones, W5MJ.

Read the complete article here: <http://www.arrl.org/news/candidates-for-arrl-directors-and-vice-directors-announced>

For interviews with the two West Gulf Division candidates, visit: <http://arrl-wtx.org/?p=655>

Total length is about 2 hrs, 15 minutes. Jump to 17:25 for John Stratton's opening remarks. Jump to 31:20 for Madison Jones' opening remarks. Questions to the candidates begin at 38:40. Each candidate gets a chance to respond to all questions.

[Editor: I am definitely not pro-politics. And it certainly isn't my place to endorse any candidate. However, I can encourage you to listen to both candidates and visit the pages above for more information to make an informed decision. Personally, I like to speed up YouTube to 1.5x speed. :)]



Travis County ARES News

The Fall Simulated Emergency Test (SET) is scheduled for November 9-10. Unfortunately, due to lack of participation by members, the SET will be scaled back. Look for more information soon on the TCARES reflector.

Monthly TCARES face-to-face meetings are held every month on the 4th Tuesday of the month at 19:00 local time. Location: 10000 Burnet Rd, Austin TX. A new topic is presented every month. October's meeting hosted John Stratton who spoke about the ARRL and its future direction.

[Editor: Unfortunately, I wasn't unable to attend and cannot provide details. Sorry. :(]



AARC Meeting Info

Tuesday, November 5, 2019 / 7:00pm to 9:00pm

Location: Applied Research Laboratories
10000 Burnet Rd., Austin TX 78758

Main Presentation

TBA

ELECTIONS!

Solar Wx Summary

by Lew Thompson, W5IFQ

Upcoming Amateur Exams: 2019

ARRL VE - November 2nd and December 7th
9 a.m. At Bethany United Methodist Church.
Room 203/204. \$15 fee. For more info, contact:
Joe Makeever, W5HS (512-345-0800)

W5YI VEC - November 16th and December 21st
2 p.m. In Room 118, Fleck Hall,
St. Edwards University. \$14 fee.
For more info, contact:
Craig, AC5KW [at] ARRL.net

2019 - Calendar of Events

November 9-10 – TCARES SET 2019

The Fall Simulated Emergency Test (SET) is scheduled for the November 9 and 10 (subject to change with notice).

Exercise in disaster response and emergency communication. Volunteers respond to a mock emergency or disaster, such as an earthquake, flooding, a hurricane or man-made catastrophe. Volunteer public service communicators focus on their capabilities, strengths, and weaknesses while interacting with nets. Also provides a public demonstration to our served agencies the value that Amateur Radio provides.

Ways to Participate: Assist in deploying our Emergency Communications Trailer (ECT), WinLink and other digital modes, operators, Net control stations, Choose a critical infrastructure location, operate a radio station at a local hospital. Need not be an ARES member to participate. All licensed amateur radio operators' first priority is emergency communication. Contact Michael, KG5RXG email kg5rxg [at] ARRL dot net

Nov 16-17 – 50MHz-1296MHz EME Competition

2019 ARRL International EME (Earth-Moon-Earth) Competition

<http://contests.arrl.org/arrlemescoresubmission.php>

Dec 3 – AARC Christmas Party

7:00-9:00pm in place of regular club meeting (**NOTE:** Not at ARL for December only!) Feel free to come in earlier to visit and eat dinner!

Buffet King in Capital Plaza

<http://www.buffetkingaustintexas.com/>

5451 N IH 35 Austin TX, 78723 (512) 452-1888

Raffle tickets for Door Prizes, QLF contest, Ham Of The Year award and usual frivolity (continued next column)

AARC Christmas Party (continued from previous column)

Special 100th Year Anniversary presentation by Joe Fisher, K5EJL

Family, Friends, Non-members are all welcome! Contact Lori KM5MQ [at] ARRL.net

Dec 15 – Decker Lake Challenge

Travis Co. Expo Center / Great for newbies!

Contact Jim [at] K5KTF.com

Jan 10-11 2020 Radio Fiesta 2020

Schertz Civic Center. Official ARRL Hamfest.

Tables and tickets are being sold now through Eventbrite.

<https://www.eventbrite.com/e/sarc-radio-fiesta-tickets-64629584828>

<http://w5sc.org/radio-fiesta/>

Jan 19-25 2020 Quartzfest - annual HAM Radio RV'ers Boondocking event

7 miles south of Quartzsite Arizona - on US 95 at La Paz

Valley Road. Quartzfest Organizer: Kris - KR1SS

kristynweed@gmail.com

<http://www.quartzfest.org>

Feb 1 2020 – 29th Annual Lou Withrow Austin/South Central Texas SkyWarn Basic & Advanced Training Session

9am - 4pm; Basic & Advanced Training

ACC Eastview Campus, Building 8500

3400 Webberville Rd, Austin TX 78702

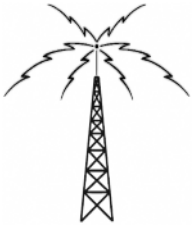
Hosted by Troy Kimmel, KE5BCK

<http://www.la.utexas.edu/users/kimmel/skywarn.html>

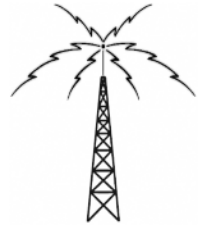
Any questions- tkimmel@austin.utexas.edu

More info & events listed in the [SwapNet Newsletter!](#)

Visit <http://austinhams.org/swapnet>



Over the W/W/Waves...



4el 20m at 190-feet - Video 10-26-2019

This antenna atop a tower at 190-feet in Maine is enough to make nearly any ham drool! Watch this in 1080p, full screen if you can. Wow! And I'm still running a 20m hamstick on a 16-foot pole. :P

https://www.youtube.com/watch?v=uvv_td_DGGM

(DE K5MSK, Michael/Editor)

ARRL: The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: On Monday, October 21, the 10.7-centimeter solar flux sank to its lowest level in recorded history. Reminder: ARRL publishes a solar update every week. For the latest report, visit <http://www.arrl.org/arrlletter> and choose the newest ARRL letter. This past week's Solar Update:

<http://www.arrl.org/arrlletter?issue=2019-10-24#toc08>

(DE K5MSK, Michael/Editor)

ARRL: The Doctor is in

The latest edition of "The Doctor is in" podcast is about Beverage antennas. Yes. It is capitalized. Named after Harold Beverage who invented it, "The Doctor" discusses a legendary receiving antenna -- not adult drinks!

<https://www.stitcher.com/podcast/arrl-the-doctor-is-in>

(DE K5MSK, Michael/Editor)

Yet More Features in the SDRplay Spectrum Analyser [sic]

Yet More Features in the SDRplay Spectrum Analyser [sic]

Steve Andrew has just added a couple of cool new features to his popular Spectrum Analyser software which works with all the SDRplay RSPs. His latest release (Version 1.04b) now includes a "Gain Table editor" and a clock spur removal feature. Read the

<https://qrznow.com/yet-more-features-in-the-sdrplay-spectrum-analyser/>

(DE K5MSK, Michael/Editor)

A Member Recalls...

Back in the late 70s (about the time my kids were born at home with the aid of the Austin Lay Midwives Assn., now New Life Birth Services <http://www.newlifebirthservices.com/>), I teamed with some of them to try to make contact with The Farm in Tennessee via ham radio. You can see that the organization in Tennessee still exists here:

[https://en.wikipedia.org/wiki/The_Farm_\(Tennessee\)](https://en.wikipedia.org/wiki/The_Farm_(Tennessee))

I remember at the time, I had a 190 foot long wire up about 27' at the ends. It came down to my shack, which wasn't far from the house in the back yard. It went over our house and the neighbor's house. Ground was one rod and some radials buried loosely in the soil.

We tried to make contact with the organization's station, but conditions of the band and my antenna/low power did not help. The midwives were not happy about the randomness of communication via HF. After a few contacts and near misses, we gave up. I just thought it worthy of noting Austin's connection to a very longstanding organization in Tennessee.

(DE K5FNI, Rick)



President's Corner

I received such a great report back from Lori (KM5MQ) on the outcome of the AARC 100 Year Anniversary Special Event, HF contacts that occurred on Oct 12th. There were 3 other events going on at the same time, so that made it a little more challenging. 20 of our folks signed in, which was great, and everyone enjoyed not only the coffee, donuts, and the "might nice weather," but also the satisfaction of the 20 CW & voice contacts, plus 7 digital contacts (on FT-8). Lori says everyone was so helpful and that our TC ARES EC, Michael (KG5RXG) played a crucial role in making it all happen. Thank you, Michael.



As I mentioned in our October Club Newsletter, I will be stepping down as your President, at the end of the year because I was moving to Kentucky as my wife, Robyn, was accepting a position there as Director of Public Safety Emergency Communications for the City of Paducah. I was saddened about moving, but even more saddened that on the morning of our departure, I had an unfortunate fall shattering my heel into several pieces. Needless to say, our departure was somewhat delayed by my visit to the emergency room in Lakeway. The severity of the accident necessitated I undergo reconstructive surgery which I did in Kentucky. The good news is, the procedure was quite a success. The bad news is that I'm looking at 5 to 6 months of recovery time with absolutely no weight on my left heel until January 15th. Having said that, it is unlikely that I will be attending our annual AARC Christmas Party on Dec. 3rd.

I want to thank you for giving me the opportunity of serving as your Club President for these last two years and I will cherish all the fun and learning experiences we had together.

I would love to hear from you from time to time at my personal email address at ruben.fuentes0796@gmail.com. I will remain a member of AARC and will keep tabs on club happenings via emails and the Club Newsletter. And I'm confident that I'll eventually make it back here at some point since Austin is where I retired from and most of my kids and grandkids remain in the Austin area.

73, Ruben (WB5WTF)



Just For Fun...

Word Search

Can you find all the words listed below in this puzzle? The words are taken from articles, news, events, or *anywhere* in this newsletter. Can you find them in this newsletter?

E G W I O I R D F R U A S A A
 N D E N O V S O Q F N C M P T
 I I D T S W E B T T D U X A S
 Z B B E O A X T E C R W N D E
 A Q D R G N M N E T A N N U I
 G F H F D X N T C R I P O C F
 A H H E L A J E S V A I E A D
 M R Q R X Y P X E I D N F H V
 T F F E F S T R G U R H S U S
 E D N N X Y S H A X J H R R I
 B L L C D A F L U X L B C H L
 C O S E R S E T A D I D N A C
 V B I Y B E V E R A G E R N Q
 N R A W Y K S A M N K M A L M
 X Y E B I O Y D H O T O T F W

ANNIVERSARY
 ANTENNA
 AUDIO
 BEVERAGE
 CANDIDATES

CHRISTMAS
 FIESTA
 FLUX
 INTERFERENCE
 MAGAZINE

PACTOR
 PADUCAH
 SKYWARN
 SPECTRUM
 VETERANS

This Month In Radio History

1905-11-25 / Telimco makes the 1st ever advertisement for a radio set, by advertising a \$7.50 set in the "Scientific American" which claimed to receive signals for up to one mile.

1906-11-03 / International Radiotelegraph Conference in Berlin selects "SOS" distress signal as the worldwide standard for help.

1925-11-01 / **VARA**, Vereniging van Workers Radio Amateurs forms in Amsterdam.

1966-11-30 / Radio time signal WWV moves from Greenbelt, Maryland

1976-11-25 / Viking 1 radio signals from Mars help prove the general theory of relativity

Source: <https://www.onthisday.com/literature/radio>

Action on the Airwaves

Looking for something new to do this new year?
This is just a *sample* of the special events stations.
Check out more [activities on the air!](#)

11/09/2019 | Centennial Celebration of San Antonio Radio Club

Nov 9, 1600Z-2200Z, W5SC/100, San Antonio, TX. San Antonio Radio Club. 14.260. QSL. SARC, PO Box 4263, San Antonio, TX 78265. SASE required. Club members may operate their own stations, signing "own-call/100" during 2019. Club station will operate from San Antonio Museum of Science and Technology (<https://www.samsat.org/>).
<https://w5sc.org/>

11/09/2019 | Operation Able Archer '83

Nov 9-Nov 10, 1300Z-1500Z, W3A, Davidsonville, MD. Education Alliance for Amateur Radio. 51.000 14.336 7.189 3.885. QSL. Walter J Skavinsky, 1574 Layfield Rd., Pennsburg, PA 18073. Operations will be from the radar control building of a former NIKE missile site (designatio W-25) in Davidsonville, MD. Able Archer 83 was a ten-day (NATO) communications exercise starting on November 2, 1983, culminating in a simulated DEFCON 1 coordinated nuclear attack. [...] Operation will be on 29.65 mc FM, 51.00 mc FM, 75 & 40, 20,18,10 meters USB on ONLY COLD WAR military radio equipment OPERATION WILL BE HOLIDAY STYLE
<https://sites.google.com/site/ablearcher1983w3a>

11/11/2019 | The American Legion's National Salute to America's Veterans

Nov 11, 1800Z-2359Z, N9V, Indianapolis, IN. The American Legion Amateur Radio Club. 20 meters,14.275 MHz; 40 meters, 7.225 MHz; IRLP Node 9735; *CROSSRDS* EchoLink Conf Node. Certificate & QSL. The American Legion Amateur Radio Club, 700 North Pennsylvania Street, Indianapolis, IN 46204. The purpose of this Special Event is to underscore the importance of Veterans Day via the amateur radio community and acknowledge the honorable nature of military service. Any ham radio operator who contacts a station is eligible to receive a QSL card and a commemorative certificate to document their participation. See website for details how to receive a QSL card and certificate after working N9V. Contact: K9TAL@legion.org or <https://www.legion.org/hamradio>

11/16/2019 | Scout Camps on the Air

Nov 16, 1400Z-2000Z, W1M, Russell, MA. Western Mass Council Scouting USA. 14.290 14.060 7.190 7.030. QSL. Tom, Barker, 329 Faraway Road, Whitefield, NH 03598. ▽

Upcoming Meetings...

Nov	Dec	Austin Meetings/Happenings	Time	Address
5	3	AARC Meeting @ Applied Research Labs. Note: December is Christmas Party @ Buffet King. See page 6 Events for more info	7:00pm	10000 Burnet Rd
26	24?	Travis County ARES @ Applied Rsrch Labs	7:00pm	10000 Burnet Rd
28?	-	CERT Meeting @ TBD (see Link / Contact)	7:00pm	TBD (<i>cannot find any info online</i>)
5	5	CTDXCC Meeting @ Mimi's Café (dinner @ 5:15pm)	6:30pm	10515 N Mopac Expwy NB Bldg O, Austin

If your club is listed here and has incorrect time or dates, please let us know!
Email: editor [at] austinhams.org

Periodic Events On-The-Air

Sun	7:00 p.m.	Travis Co. ARES net	147.360 MHz - (131.8)
Sun	2359-Wed 2359	Travis Co. ARES WinLink Wednesday	145.730 MHz
Sun	8:00 p.m.	Williamson Co. ARES net	146.640 MHz - (162.2)
Sun	9:00 p.m.	ARO SwapNet	146.940 MHz - (107.2)
Mon	7:30 p.m.	STX ARES Net	3.873 MHz
Tue	7:30 p.m.	Hays ARES net	147.100 MHz +
Tue	8:00 p.m.	Bastrop ARES Net	443.750 MHz + (114.8)
Wed	11:30 a.m.	Ham Social Luncheon, Jim's	146.940 MHz - (107.2)
Thu	9:00 p.m.	2m SSB Net	144.250 MHz (USB)
Thu	11:00 a.m.	Lunch, Pokey Joe's 183&Great Hills	444.100 MHz+
Thu	11:45 a.m.	Lunch, Whataburger Oltorf & Burleson	146.940 - (107.2)
Fri	8:00 p.m.	6m SSB Net	50.230 (texasvhf.org/)
Sat	7:00-8:30 a.m.	Breakfast @ Waterloo Ice House	444.100 MHz +
Sat	9:00 a.m.	Chapter 67 QCWA QSO Net.	3.920 MHz LSB
Sat	7:00 p.m.	AARC Elmer Net	146.940 MHz - (107.2)
Daily	6:30 p.m.	Central Texas Traffic Net	147.140 MHz+

THIS SPACE FOR "RENT" (aka *Call For Articles*)

For "Rent"? Sort of... Rather, do you have any news of interest to the AACROVER readers. Have you run across some amateur radio related news items? How about links to homebrew projects or new equipment? I've run out of prepared material and am interested in articles for publishing in this newsletter. Personal experiences are fantastic! Have you worked or played with a new technology - like the digital methods mentioned in this newsletter? Or maybe you're one of the more experienced operators in our community. What changes have you seen in amateur radio throughout the years?

You don't have to be a Pulitzer Prize winner to submit an article. I'll take anything, but would love to get articles that are at least two pages in length (single-spaced). Photos are great, too! Please remember, any submissions need to be free of copyrights. Creative Commons are okay, but I will need references to be able to publish them with attribution.

Thanks & 73 DE K5MSK, Editor

Minutes of the Regular Membership Meeting of October 1, 2019

The Austin Amateur Radio Club (AARC)

Lew Thompson called the meeting to order at 1900.

Visitors in attendance:

- Ray Fatheree
- Darlene Schmidt

Ham of the Month

Darlene Schmidt was elected unanimously for her work with Summerfest

September minutes were approved as posted.

Mark Jenkins gave a treasurer report with the club having \$9200 in accounts.

A general discussion was given on the need for a published Membership Roster. Those wishing to not have their contact information included can opt out private information.

Lori gave a report that the 100-Year Special Event will be held October 12 from 900 to 1300.

Michael Marks gave the TCARES report. The Fall Simulated Emergency Test (SET) will be held November 9-10. Leads are needed for Logistics, Critical Infrastructure, and Trailer set up.

Stuart Rohre gave a scholarship report. There is \$11,000 available for this year and deadline for applications is 12/31/2019.

100-Year Anniversary T-Shirts are available for sale for \$20.

Nominations for President for 2020 included Kerby Spruiell for President. Lew agreed to stay on as Vice-President and Mark agreed to remain Treasurer. If Kerby is elected as president, there will be a vacancy in Secretary.

Lori Schmidt announced that the annual Christmas party will be December 3 at Buffet King.

There was a general discussion on using Meetup.com to announce meetings.

Lew Thompson gave the Solar weather report.

The program was given by Tri Tran, Austin Energy on "*Radio Frequency Interference (RFI) Detection and Mitigation*".

The meeting adjourned at 2100.

Kerby Spruiell, Secretary



Austin Amateur Radio Club, Inc. / PO BOX 4739 / AUSTIN TX 78765-4739 / Web site: <http://www.austinhams.org>

The Austin Amateur Radio Club, Inc. (AARC) has annual membership dues of \$20.00 per person or \$30.00 per family.

CLUB REPEATERS

AARC maintains the following repeaters:

Frequency (MHz)	PL Tone (Hz)	Use / Notes
146.780 (-)	-	2m D-STAR repeater [W5KA C]
146.880 (-)	107.2	Analog/Digital Fusion (Yaesu)
146.940 (-)	107.2	Most popular, TCARES WxNet, SwapNet
224.800	-	-
440.650 (+5)	-	70cm D-STAR repeater [W5KA B]
444.100	-	-
444.200	107.2	-
1293.100 (-20)	-	23cm D-STAR repeater [W5KA A]
1248.200	-	23cm D-STAR DD (data, simplex/Reversible) [W5KA A]

Persons using the repeaters are encouraged to join the club to help support these valuable resources.

Note: **No** AARC repeater has **autopatch** capability any longer.

The Austin Amateur Radio Club offers annual scholarships to licensees living in Travis, Williamson, Bastrop, Hays, Blanco, Caldwell, and Burnet counties. Please see <http://austinhams.org/scholarships> for more information.

OFFICERS

President	Ruben Fuentes	WB5WTF	president [at] austinhams.org
Vice President	Lew Thompson	W5IFQ	vice-president [at] austinhams.org
Treasurer	Mark Jenkins	W5MPJ	treasurer [at] austinhams.org
Secretary	Kerby Spruiell	KG5DLD	secretary [at] austinhams.org

Other Contacts

Technical (Repeater Contact)	Roy Walker	WA5YZD	wa5yzd [at] arrl.net
ARRL Travis Co. Emer. Coord.	Michael Marks	KG5RXG	kg5rxg [at] arrl.net
TCARES PIO	Ruben Fuentes	WB5WTF	pio [at] austinhams.org
Editor, AARCOVER, website	Michael Skurka	K5MSK	editor [at] austinhams.org

* Replace [at] with @ in email addresses.

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