

AARC OVER

Keeping
Austin
Wireless...



Now
in our
101st
Year!

AARC

Bulletin of the Austin Amateur Radio Club

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In This Issue

AARC Meeting - September 1 - SPECIAL INFO
New Fees for Amateur Radio Licenses
Amateur Radio Exam - Test Results
New Editor Needed
Just for Fun
Word Search
Action on the Airwaves

2	Meeting info	6
3	Upcoming Exams / Calendar of Events	"
4	Upcoming Meetings / Periodic Events	7
"	Meeting Minutes	8-9
5	Club Info:	10
"	Repeaters / Officers / Contact info	"
"		

September, 2020

Austin Amateur Radio Club Meeting for September 1 will be held ONLINE!

Continuing adherence to social distancing mandates, the AARC meeting will be held online, Tuesday August 4, 2020 at 7:00p.m. using the Zoom app. If you do not have Zoom, you may download the free application from the Zoom website for your desktop, laptop, or tablet. It can also be loaded on your smart phone from the iPhone or Android Stores.

<https://zoom.us/Download>

Zoom will allow the group to see the PowerPoint presentation online, as well as allowing the whole group to hear the speaker. While presentations are in progress **please mute your microphone** so the whole group will not hear background noise from your location. If you would like to ask a question, you can select "*Raise Your Hand*" from the application menu and the speaker will recognize you to take your app off mute. Then return to mute after you have finished.

The *Raise Your Hand* feature will also be used for any votes necessary during the meeting. After voting, please *Lower Your Hand*. You will also have the option to only see who is speaking or a view of all participants, with the speaker outlined in green.

We are looking forward to seeing and hearing from you during our regular meeting date and time. We also would like to express our appreciation to Clear Blue Sky Digital for allowing the club to use Zoom Pro at no charge to the club.

Kerby Spruiell, AARC President

The Austin Amateur Radio Club

Monthly Meeting - September 1, 2020

Main Presentation Topic: ***Introduction to Travis County ARES***

by KG5RXG, Michael Marks, EC

Solar Weather, by W5IFQ, Lew Thompson

Time: **7 p.m. to 9 p.m.** , Central Time, Tuesday, September 1

An email will be sent with meeting details as the date approaches.

Make sure your email address is up-to-date on the austinhams.org site.

Please do not post meeting info on social media or transmit via the radio.

Unfortunately, QRM is likely and expected if the meeting is published publicly.

***If you don't receive the meeting info,
please contact an officer for the meeting link and password.***

Contact info is on the last page.

Note 1: You can join the audio portion by phone or using your computer's audio. If you need to speak, you will need a headset with microphone to prevent feedback. If you do not need to speak, you can simply use your computer speakers to listen.

Note 2: If you have not used the Zoom teleconferencing app before, you may want to visit the pages below for some hints and tips on participating in the meeting:

<https://www.wired.com/story/tips-for-using-zoom/>

<https://thewirecutter.com/blog/use-zoom-like-a-pro/>



New Fees for Amateur Radio Licenses

(Proposed - Not yet implemented)

FCC - NOTICE OF PROPOSED RULEMAKING

(regarding application fees, including substantial fees for Amateur Radio Licenses!)

Adopted: August 12, 2020

Released: August 26, 2020

Full text: <https://docs.fcc.gov/public/attachments/FCC-20-116A1.pdf>

Excerpts:

Pages 9 & 10

24. Personal license services include **Amateur Radio Service** (used for recreational, noncommercial radio services), [...]. With personal radio services, an applicant's initial application for authorization seeks shared use of certain spectrum bands, or a permit required for operation of certain radio equipment. In either case, these applications focus only on eligibility and do not require technical review. As such, there is no construction requirement (or related filings) and renewal filings are non-technical as well. For these reasons, applications in these services are highly automated and should be subject to the same assessment of fees. In 2019, the Commission received over 197,000 personal license applications. We note that, while the statute previously limited the Commission's authority to charge fees only for specific services listed in the Act, the RAY BAUM'S Act now requires the Commission to collect fees from several previously uncharged services. As such, several services in the personal licenses category will be subject to new fees. One such example is **Amateur Radio Service** licenses, which were not listed on the fee schedule in section 8 of the Act, but are **now subject to fees** under the broader mandate of the RAY BAUM's Act.

[...]

27. Other applications for personal licenses are mostly automated and do not have individualized staff costs for data input or review. For these automated processes—**new/major modifications, renewal, and minor modifications**—**we propose a nominal application fee of \$50** due to automating the processes, routine ULS maintenance, and limited instances where staff input is required. Although there is currently no fee for **vanity call signs** in the Amateur Radio Service, we find that such applications impose similar costs in aggregate on Commission resources as new applications and therefore **propose a \$50 fee**.

28. For administrative updates modifications, which also are highly automated, we find that it is in the public interest to encourage licensees to update their information without a charge. We thus propose no application fee for administrative updates modifications.

29. In instances where an applicant elects to receive a **physical license by mail** (including requests for a duplicate license), the Commission incurs costs for printing and mailing the duplicate authorization. The Commission has proposed to **eliminate these services**—but to the extent the Commission does not do so, **we propose a fee of \$50** to cover the costs of these services.

Pages 69-70.

2. Personal Wireless Licenses

a. New; Major Modification; Amateur Vanity Callsign \$50.00

b. Minor Modification \$50.00

[...]

e. Renewal \$50.00

Bottom Line: This NPR is proposing fees be charged for Amateur Radio Licenses (new, renewal, vanity, modifications, printed copy). No fees are proposed for keeping your information updated online. See link for comment deadlines.

Thanks to K5FNI, Rick, for the link.

(continued on page 5)

AMATEUR RADIO EXAM - TEST RESULTS

No exam results for ARRL VEC for the previous month.

Please visit http://www.austinsummerfest.org/VEC/ARRL_1st_Sat_Exams.html for details and list of scheduled exams.

NOTE: **All in-person exams are canceled until further notice** as the test site is not available due to Church coronavirus contagion concerns.

TNX ES 73 DE W5HS

Joe

The South Austin W5YI VE exam for the previous month was canceled due to the closure of St. Edward's University in response to COVID-19.

All in-person exams are canceled until further notice as the test site is not available.

The amateur radio exam sessions normally start at 2 PM on scheduled test dates 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)

Please visit AustinHams.org for current information about ham radio exam sessions returning.



New Editor Needed

Austin Amateur Radio Club needs a new editor. I've enjoyed putting this newsletter together and handling the website for a few years now. However, current conditions and real-life work situation are demanding more and more of my time and I cannot continue serving as editor. I will continue through December 1st and the

December 2020 issue will be my last. I would like to pass the reins and get someone up to speed before then, if possible. I will be happy to train, online of course, anyone interested. If requested, I will donate the publishing software to the club so the new editor can continue seamlessly without having to start from scratch or purchase software.

If you are interested and can spare some time, Austin Amateur Radio Club needs you!

Contact me at Officers@austinhams.org for more info.



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?

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

AACROVER
 ALE
 BEACON
 DISASTER
 DXPEDITION

EDITOR
 FEES
 HAMFEST
 MEASUREMENT
 NAVIGATION

RULEMAKING
 SKYWARN
 WIRELESS
 WYOMING
 ZOOM

09/14/2020 | Texas DX Society 50th Anniversary

Sep 14-Oct 13, 0000Z-2359Z, K5DX/50, Houston, TX. Texas DX Society. 14.074 14.040 7.074 7.040. QSL. Texas DX Society – K5DX/50. Celebration of 50 years of Contesting and DX by our members. See <https://k5dx-50.tdxs.net/> for more info.

09/26/2020 | US Airmail Beacon System

Sep 26, 1200Z-2300Z, KOA, Inver Grove Heights, MN. South Metro Amateur Radio Club. 14.250 7.074 7.040. Certificate. Downloadable; see website. 100th anniversary of the establishment of the North American Transcontinental Air Mail Route and its beacon/navigation system. Look for KOA on CW, SSB and FT8. Certificate downloadable from <http://www.semarc.org/> after event.

Action on the Airwaves

Looking for a way to “get out” during COVID-19 lockdown?

This is just a *sample* of the special events stations.

Check out more [activities on the air!](#)

NOTE: Due to COVID-19 and shelter-in-place orders around the country, some events may be canceled, postponed, or modified without notice. Check the respective links for current info.

09/02/2020 | 75th Anniversary of the Victory Over Japan

Ending World War II / Aug 30-Sep 13, 1800Z-2359Z, W2V, Ansonia, CT. Stratford Amateur Radio Club. 21.345 14.345 7.245 3.845. QSL. See website, for QSL, information . NOTE DATE CHANGES. w2v.se@yahoo.com or <https://www.qrz.com/db/w2v>

09/05/2020 | Shelby Hamfest At Home Edition

Sep 5-Sep 8, 0030Z-0100Z, W4NYR, Shelby, NC. Shelby Amateur Radio Club. 14.260 7.260 146.880 - No tone 14.060. QSL. Shelby ARC Special Event, PO Box 2206, Shelby, NC 28151-2206. Since our club had to cancel our 64th Annual Hamfest due to COVID 19 restrictions, we wanted to have a Shelby Hamfest COVID 19 Stay at Home Edition! We want to contact and connect with other's having to stay at home during this year! Please send SASE with QSO information. <http://www.shelbyarc.org/>

09/06/2020 | Come and get Wyoming

Sep 6-Sep 15, 0000Z-2359Z, W7Y, Cheyenne, WY. Shy-Wy ARC. 14.250 7.250. QSL. Shy-Wy ARC, P.O. Box 22483, Cheyenne, WY 82003. <http://shywyarc.net/wp/comeandgetwyoming>

09/07/2020 | Disaster Communication Action Team Field Day

Operations / Sep 7, 1300Z-2300Z, KD1CAT, Birmingham, AL. Disaster Communication Action Team. 7.195 7.210 14.230 14.240. Certificate. Tim Cameron, PO Box 59345, Birmingham, AL 35209. Disaster Communication Action Team will have the monthly field day communication event on Labor Day 2020. Please join us. <https://www.disastercat.org/>

09/09/2020 | Dog Island IOTA DXpedition NA-085 K4D

Sep 9-Sep 18, 0000Z-2359Z, K4D, Carrabelle, FL. K5TEN (Operator). 14.275 14.074 7.190 7.074. QSL. Bruce Brady K5TEN, 208 Mt Tabor Rd, Hot Springs National Park, AR 71913. Very rare IOTA island, rare grid square & rare county. (NA-085), EL79, Franklin County. Rescheduled from June due to Covid19. k5ten@aol.com

09/10/2020 | 19th Anniversary of the Attack on the World Trade Center in New York City

/ Sep 10-Sep 14, 0000Z-0300Z, WA2NYC, Staten Island, NY. Wireless Association of New York City. 14.390 7,238 28.450 D-Star XRF 020B. QSL. Wireless Association of New York City, 233 Wolverine Street, Staten Island, NY 10406. We remember the over twenty nine hundred people that lost their lives on that day <https://www.qrz.com/db/wa2nyc>

09/12/2020 | Route 66 On the Air

Sep 12-Sep 20, 0000Z-2359Z / Several locations and stations. See <http://www.w6jbt.org/> for event rules and information.

AARC Monthly Meeting Info

Tuesday, September 1, 2020 / 7:00pm to 9:00pm

Location: ONLINE - Email invite
See Page 2 for more info

Meeting Topic

Introduction to Travis County ARES
By Michael Marks, KG5RXG

Solar Wx Summary, by Lew, W5IFQ

Upcoming Amateur Exams: 2020

ARRL VE - Please visit
http://www.austinsummerfest.org/VEC/ARRL_1st_Sat_Exams.html
for details and list of scheduled exams.

All exams is CANCELED until further notice

For more info, contact:
Joe Makeever, W5HS (512-345-0800)

W5YI VEC - **All exams CANCELED until further notice**
2 p.m. In Room 118, Fleck Hall,
St. Edwards University. \$14 fee.

For more info, contact:
Craig, AC5KW [at] ARRL.net

2020 - Calendar of Events

~~Oct 2-3~~ – Belton Ham Expo (Fall)

Canceled due to COVID-19 threat.

<http://www.tarc.org/hamexpo>

Oct 3 – Deep South ARC Hamfest

Deep South Amateur Radio Club / J. C. Davis Auditorium
400 Thompson Blvd. Chickasaw, Alabama 36611
Sandy 251-232-1938 or usnamom@bellsouth.net
<http://k4dsr.com/>

Oct 17 – South Texas Hamfest & Electronics Expo

"TEXAS FASTEST GROWING HAMFEST"

San Patricio County Fairgrounds - Event Center
Located at 219 W. 5th Street, Sinton, Texas.
Doors open to the Public 8:00AM - 3:00PM
Talk-In Frequency- 147.08(+) 107.2 PL
<https://squareup.com/store/south-texas-hamfest>
southtexashamfest@gmail.com or call 361-947-5665
<http://southtexashamfest.org/> for details

~~Oct 23-24~~ – 73rd Annual Texoma Hamarama

(postponed until 2021)

Ardmore Convention Center 2401 North Rockford Road
Ardmore, OK 73401 / Talk-In: 146.970 - (PL 131.8)
For latest updates on Texoma Hamarama, send your email
address to: texomahamarama@gmail.com
<http://www.hamarama.org/>

Decker Lake Challenge has been officially **canceled** due to
COVID-19 threat

2021 EVENTS

Feb ?? 2021 – (will update when the date is set) 30th Annual
Lou Withrow Austin/South Central Texas SkyWarn

9 am to 4 pm - BASIC & ADVANCED TRAINING (By NWS
Austin/San Antonio)

ACC Eastview Campus, Building 8500
3400 Webberville Road, Austin, TX 78702

Hosted by Troy Kimmel KE5BCK

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

Any questions- tkimmel@austin.utexas.edu

Mar 5-6 2021 – Greater Houston Hamfest (Rosenberg)

Hosting the ARRL Texas State Convention
2021 Greater Houston HamFest will be our 20th year
Fort Bend County Fairgrounds, 4200 Highway 36, Rosenberg TX-
Friday, March 05, 2021 12 pm to 8 pm - Vendor Setup Only
Saturday, March 06, 2021 Setup - 6AM - 8AM
Main event - 8AM - 2PM
Talk In 146.94 / Tone 167.9
<http://www.houstonhamfest.org/>
HamFest Hotline 401-584-GHHF (4443)
713-502-5896 and/or 713-569-8799

Mar 13-14 2021 – QSO Today's Virtual Ham Expo!!

Next in the series of fine on-line conventions
First one was August 2020
<https://www.qsotodayhamexpo.com/>

May 1-2 2021 – MS-150 Bike Ride

Sign-up information will be available on
<http://texasms150hams.org/>

More info & events listed in the [SwapNet Newsletter!](#)
Visit <http://austinhams.org/swapnet>

Upcoming Meetings...

Sep	Oct	Frequency	Austin Meetings/Happenings	Time	Address
1	6	1st Tuesday	AARC Meeting @ ONLINE	7:00pm	ONLINE - See page 2
22	27	4th Tuesday	Travis County ARES @ ON-AIR	7:00pm	ONLINE - See groups.io message
21	20	3rd Tuesday	CTDXCC @ Baby Acapulco	6:30pm	9505-B Stonelake Blvd

* Note: Meetings may occasionally change date or location due to holidays or other events. Check here or their respective websites for updates.

If your club is listed here and has incorrect time or dates, please let us know!

Email: editor [at] austinhams.org

Please include complete details of what needs to be updated.

DUE TO COVID-19 (coronavirus), in-person meetings are CANCELED.
Some are being held online/on-air. Check with their respective leaders for info.

Periodic Events - In the Area and On-the-Air

Sun	7:00 p.m.	Travis Co. ARES net	147.360 MHz - (131.8)
Sun	1900-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.	AARC 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	10:00 a.m.	Ham Social Brunch, 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, ONLINE	146.940 - (107.2)
		Contact Gene at wa5ac [[at]] arrl.net for instructions to receive invitation to meetings	
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+



I continually run out of material and am interested in articles for publishing in this newsletter. Personal experiences are fantastic! Have you worked or played with a new technology? 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

IMAGE CREDITS

Page: Over The WWWaves - Image: Radio Wave background image © Can Stock Photo Inc. / Italianestro

Page: Just For Fun- Image: Fun Zone, © Can Stock Photo / iqoncept

Minutes of the Regular Membership Meeting of August 4, 2020

The Austin Amateur Radio Club (AARC)

This is the Club's ~~sixth~~ fifth General Meeting on Zoom.

Mark Jenkins, Treasurer, hosts the Zoom meetings.

Kerby Spruiell, President, started the meeting at 7 pm with a slide presentation and AARC officers were introduced. There were 58 people in attendance.

Meeting Place:

If you have an alternate meeting place just in case we can not go back to ARL when we meet face-to-face, please let us know or email: AARC-Officers@austinhams.org

New Members

K5PTA	Steve Sombar (was KK5V)	KC5QFG	Tim Deagan
N5XHF	Josh Bell	KG5O	John Suchyta
WG5V	Frank Zavisca	K1KTX	Kevin Kelly
KE5IRK	Geary McDowell		

Visitors

WA5NWS Brett Ramirez

New Calls

N5DRM Dave Marquardt, General
KI7UPY Jay Guettler, General + Extra Class, online from Anchorage Amateur Radio Club, KL7AA.org

Ham of the Month for July: Roy Walker, Technical Committee

Old Business

Treasurer's Report – Mark Jenkins

7 new members in July
Reminder to pay your dues as they help fund everything we do
Approximately \$10,900 in bank accounts
Mark sends out 377 emails to members or past members

Special Interest Groups

ARES – Michael Marks, Travis County Emergency Coordinator

Meeting reminder for ARES General Meeting is 4th Tuesday of month on Zoom
Rodney, KG5DWX is presenting program on ALE (Automatic Link Establishment) you don't want to miss

Technical Committee – Roy Walker

88 & 44.1 machines are still down due to no air conditioning yet
Allstar / Echolink is down – Ed hopes to have it back up tomorrow (sic)

(continued on next page)

Minutes of the Regular Membership Meeting of August 4, 2020

(continued from previous page)

New Business

Media Presence

Club needs a Media Committee. We have a minimal presence on Facebook at the current time. If you are interested in the formation of a new Media Committee, please email: AARC-Officers@austinhams.org - This includes the web site.

AARC Newsletter Editor

Club is looking for a new Newsletter Editor for our monthly AACROVER.

If interested, please contact AARC-Officers@austinhams.org

Zoom Meetings

Attendance has been up using Zoom for meetings since we cannot meet in person until COVID-19 is under control or we have a good vaccine. It has been decided that in the future, when face-to-face meetings resume, we will continue to use Zoom so more people can attend virtually if they can not attend in person.

Web Site

The Club is considering changing the web site to make it easier to update and maintain.

Program 1: Lew Thompson W5IFQ – Solar Weather Report

Excellent program which has been posted on austinhams.org

Program 2: Lew Thompson W5IFQ – Solar Weather Measurement Tools

Another excellent program you can see again on the [website](http://austinhams.org)

Adjourned at 8:40 pm

Joan Cox, 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 **auto-patch** 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	Kerby Spruiell	KG5DLD	president [at] austinhams.org
Vice President	Lew Thompson	W5IFQ	vice-president [at] austinhams.org
Treasurer	Mark Jenkins	W5MPJ	treasurer [at] austinhams.org
Secretary	Joan Cox	KD4SRD	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	Jimmy Earl	WB5MET	pio [at] austinhams.org
Editor (AARCOVER, website)	Michael Skurka	K5MSK	editor [at] austinhams.org

* Replace [at] with @ in email addresses.

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Members and other readers are encouraged to submit original material for publication. Contact the Editor, if mailed submissions are required. Email and/or electronic files are encouraged! Submissions may be edited for publication (for content and/or space). **Deadline is usually the 25th of each month**, but late articles may be considered for future publication. Material may be used in a later issue. Unless otherwise noted, permission is granted to reprint AARCOVER articles, provided you credit the original author and the *AARCOVER*. If material from the AARCOVER is included in another publication, a courtesy copy to the Editor is appreciated.

AARC Members:

For Changes in your ADDRESS, PHONE NUMBER or CALL SIGN
Contact: Mark Jenkins, W5MPJ / treasurer [at] austinhams.org
Mark handles all changes for membership information.

