

AARC OVER

*Keeping
Austin
Wireless...
Since 1919*



*Now
in our
101st
Year!*

AARC

Bulletin of the
Austin Amateur Radio Club

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April, 2020

Austin Amateur Radio Club Meeting for April 7 will be held ONLINE!

Earlier the AARC Board canceled the in-person April AARC Meeting in keeping with National, State and Local guidelines related to COVID-19. I am happy to announce that it has been rescheduled for Tuesday April 7, 2020 at 7:00 p.m. using the Zoom app. If you do not have Zoom, please follow the instructions below to add the free application from the Zoom website for your desktop, laptop, or tablet. It can also be loaded on your smartphone 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 put your app on mute**, so the whole group will not hear background noise in 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. 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 is inviting you to a scheduled Zoom meeting.

Topic: **AARC Monthly Meeting - April 2020**

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

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, just 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/>



Amateur Radio in Time of COVID-19

by Michael Skurka, K5MSK

I've not read the novel by Colombian Nobel prize winning author Gabriel García Márquez, titled *Love in the Time of Cholera*, but the Wikipedia article shows that the characters in the novel bear some (very distant) resemblance to our current situation. Two youths were exchanging love letters, but when the girl's father finds out about the two, he forces his daughter to stop seeing the boy immediately. Of course, she refuses, which prompts the father to move him and his daughter to move to another city. Despite the distance, they continued to communicate via telegraph.

Yeah... The similarity is quite a stretch, but we are forced apart (for now) and are relying more on our radios to keep us in touch with each other. We don't see each other at the monthly meetings and are forced, by our distance and the virus, to communicate only through the airwaves.

What are you doing to fill the "void" of in-person human contact? Chasing that DX station you've been trying to get for years? Participating in more on-air *Nets*? Setting up your station to do digital communications (FT8, JS8Call, etc.)? Taking time to (re)organize your ham shack/station? How about studying to take the next exam in your path to Amateur Extra? There are plenty of amateur radio related activities to keep you occupied during this "downtime". In the meantime, catch up on what's happening in amateur radio with the News that follows.

Amateur Radio News

Gathered by Michael Skurka, K5MSK

Outer Space is Your Next Radio Frontier! (03/06/2020)

You can make contacts through amateur radio satellites, and even with the International Space Station, using equipment you probably own right now! All it takes is the right information, which you'll find in ARRL's new book *Amateur Radio Satellites for Beginners*.

Dozens of spacecraft are in orbit just waiting for your signals, and more are being launched every year. This book is your guide to a whole new world of operating enjoyment. Inside you will be able to locate satellites and determine when they will be available in orbit, gain tips for building your own "satellite station, find a simple step-by-step guide to making your first contacts, and discover satellite antenna projects you can build at home.

"Even with just a dual-band FM transceiver and a mobile antenna, you can make contacts through an amateur satellite!" said ARRL author and QST Editor Steve Ford, WB8IMY.

Building amateur radio satellites is difficult; communicating through amateur satellites is not. *Amateur Radio Satellites for Beginners* will introduce you to new experiences that you may have thought were out of your reach. Start reading and discover how easy it can be!

Amateur Radio Satellites for Beginners is available from the ARRL Store (<http://www.arrl.org/shop>) or your ARRL Dealer (<http://www.arrl.org/arrl-publication-dealers>).

Source: <http://www.arrl.org/news/outer-space-is-your-next-radio-frontier>

(continued on page 4)

HAM RADIO TEST RESULTS

AARC congratulates the following individuals on their accomplishments!

The following are the results of the ARRL VE test session held on March 7th, 2020 at Hope Presbyterian Church:

Technician Class Licenses Processed

Alexandra L. Bautista KI5INB
Matthew T. Doak KI5INF
Ibraheem Moosa KI5IND

Dallon A. Davis KI5INH
Rocky L. Hardie KI5INA
Jay A. Parsons KI5IMZ

Adamo L. Devigili KI5INC
Andrew J. Iseminger KI5ING
Autumn Pitts KI5INE

General Class Licenses Processed

Carl E. Hannusch KI5INI

Jonathan W. Taylor KI5HHX

Martin A. Bomer KI5INJ

Extra Class License Processed

James N. Howard Jr KE5WAN

Examiners Participating in this Test Session

Craig Bean AC5KW
Micah Kemp AG5SJ

Joe Bryan K5BRY
Joe Makeever W5HS

Ted Iglehart KF5END
Jim Peisker AF5NP

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

NOTE: The **April** exam is **canceled** as the test site is not available due to Church coronavirus contagion concerns.

TNX ES 73 DE W5HS

Joe

3/21/20

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

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@atgmail.com)

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



ARISS Celebrating Successful Launch Carrying Interoperable Radio System to ISS (03/10/2020)

Amateur Radio on the International Space Station (ARISS) is celebrating the successful launch and docking of the SpaceX-20 commercial resupply mission to the International Space Station (ISS). One payload on the flight is the ARISS Interoperable Radio System (IORS), which ARISS calls “the foundational element of the ARISS next-generation radio system” on the space station. Amateur radio has been an integral component of ISS missions since 2000. The Dragon cargo capsule docked successfully with the space station on March 9. ARISS-US Delegate for ARRL Rosalie White, K1STO, said hundreds of ARRL members contributed to make the IORS project happen, and ARISS is celebrating the 4-year-long IORS project.

Read the complete article at: <http://www.arrl.org/news/ariss-celebrating-successful-launch-carrying-interoperable-radio-system-to-iss>

Dayton Hamvention Announces Cancellation of 2020 Show (03/15/2020)

For the first time in its 68-year history, Dayton Hamvention® will not take place this year, due to concerns about the coronavirus outbreak. The glum news was not entirely unexpected, given widespread cancellations of public gatherings and a national state of emergency.

“The Hamvention Executive Committee has been monitoring the COVID-19 pandemic. We have worked very closely with our local and state health departments. It is with a very heavy heart the Hamvention Executive Committee has decided to cancel Hamvention for this year,” Hamvention General Chair Jack Gerbs, WB8SCT, said in announcing the cancellation on March 15. “This decision is extremely difficult for us, but with around 2 months until the Great Gathering we felt this action necessary. More specific details regarding the closure will soon be posted. Thank you for your understanding in this time of international crisis.”

Read the complete article at: <http://www.arrl.org/news/dayton-hamvention-announces-cancellation-of-2020-show>

Refund Procedures in Place for Dayton Hamvention-Associated Social Events (03/20/2020)

Refunds are being processed for Dayton Hamvention-associated social gatherings, including Contest University, Contest Dinner, and Top Band Dinner. Each event has its own procedures. Those who signed up for the DX Dinner will be able to obtain refunds via PayPal. An email to all registrants will provide details. — Thanks to Tim Duffy, K3LR, SWODXA

Source: <http://www.arrl.org/news/refund-procedures-in-place-for-dayton-hamvention-associated-social-events>

FCC Levies \$18,000 Fine on Louisiana Amateur Radio Licensee (03/18/2020)

In an enforcement case prompted by complaints filed in 2017, the FCC has imposed an \$18,000 forfeiture on Jerry W. Materne, KC5CSG, of Lake Charles, Louisiana, for intentional interference and failure to identify. The FCC had proposed the fine in a Notice of Apparent Liability (NAL) in the case in July 2018, and, based on Materne’s response to the NAL, the agency affirmed the fine in a March 12 Forfeiture Order (FO).

As the FCC recounted in the FO, an FCC agent “observed Materne causing intentional interference to a local repeater by generating digital noise into an analog radio.” The agent further reported that Materne failed to transmit his call sign, as required. [...] The FCC gave Materne 30 days to pay the fine, or face having the case turned over to the US Department of Justice for enforcement.

Read the complete article at: <http://www.arrl.org/news/fcc-levies-18-000-fine-on-louisiana-amateur-radio-licensee>

(continued on page 5)

Errata to 2020 – 2024 Amateur Extra-Class Question Pool Released (03/18/2020)

The NCVEC Question Pool Committee has issued errata to the new (2020 – 2024) Amateur Extra-class question pool that goes into effect on July 1. Most changes are minor, involving typographical or style errors.

Read the complete details at: <http://www.arrl.org/news/errata-to-2020-2024-amateur-extra-class-question-pool-released>

Radio Amateurs Team Up to Help University Design Low-Cost Ventilator (03/23/2020)

Amateur radio volunteers from around the world have volunteered to assist University of Florida Professor Sam Lampotang and his engineering team in their quest to rapidly develop an open-source, low-cost patient ventilator that can be built anywhere from such commonly available components as PVC pipe and lawn-sprinkler valves. The amateur radio volunteers are developing Arduino-based control software that will set the respiratory rate and other key parameters in treating critically ill coronavirus victims.

Read the complete article, with photo, at: <http://www.arrl.org/news/radio-amateurs-team-up-to-help-university-design-low-cost-ventilator>

ARRL Headquarters is Closing (03/23/2020)

ARRL Headquarters will comply with an executive order from Connecticut Governor Ned Lamont that all non-essential businesses and not-for-profit entities reduce in-person workforces by 100% no later than March 23, 2020, at 8 PM. ARRL will equip as many Headquarters staffers as possible to work remotely.

W1AW bulletin and code practice transmissions will continue. Customer service representatives will be available to take calls, although response times could be longer than usual. Operations at the ARRL Volunteer Examiner Coordinator (VEC) will also continue, and the best way to receive a timely response is via email, as call volume has been heavy. The ARRL publication schedule will remain unchanged.

The ARRL warehouse will be working with a reduced staff, so orders will be delayed, and ARRL will not be able to respond to expedited shipping orders. ARRL Headquarters will remain open until 5 PM on March 23, as managers and staff prepare for the shutdown.

Source: <http://www.arrl.org/news/arrl-headquarters-is-closing>

May QST Going Out to Members on Time, W1AW Adjusts Its Schedule (03/25/2020)

ARRL wants to assure members that the COVID-19 shutdown of ARRL Headquarters will have little or no impact on publication schedules. The print edition of May QST is now off the presses and will enter the mail stream next week, and the US Postal Service anticipates no delivery disruptions.

[...]

Although ARRL Headquarters is closed, W1AW continues operating, but on a slightly altered transmission schedule. Morning code practice and qualifying run transmissions have been suspended; evening transmissions, including qualifying runs, will go on as usual. W1AW remains closed to the public, however.

Read the complete article at: <http://www.arrl.org/news/may-qst-going-out-to-members-on-time-w1aw-adjusts-its-schedule>

(continued on page 6)

Field Day 2020 — A Time to Adapt (03/27/2020)

Many individuals and groups organizing events for Field Day 2020 have been contacting ARRL for guidance on how to adapt their planned activities in this unprecedented time of social distancing and uncertainty.

“Due to the unique situation presented this year, this can be an opportunity for you, your club, and/or group to try something new,” ARRL Contest Manager Paul Bourque, N1SFE, said. “Field Day isn’t about doing things the same way year after year. Use this year to develop and employ a new approach that is in line with the current circumstances.”

Social distancing and state and local requirements very likely will impact just how — and even whether — you are able to participate in Field Day this year. ARRL continues monitoring the coronavirus situation, paying close attention to information and guidance offered by the Centers for Disease Control and Prevention (CDC).

Read the complete article at: <http://www.arrl.org/news/field-day-2020-a-time-to-adapt>

FCC Grants Temporary Emergency Authority to WISPs Operating in 5.8 GHz Band (03/30/2020)

The FCC has granted temporary permission to wireless internet service providers (WISPs) in rural portions of 29 states and the US Virgin Islands to operate in the 5.8 GHz band (5.850 – 5.895 GHz). The authorization, to help meet the temporary surge in demand for residential fixed broadband services during the COVID-19 pandemic, was one of multiple waivers issued in the past week that grant temporary access to a variety of bands in response to the uptick in residential broadband demand.

[...]

The Commission’s emergency grant explicitly requires that the WISP operations be conducted on a non-interference basis. If unexpected interference within this spectrum range is experienced, radio amateurs should consult Attachment 1 of the grant and contact the WISP indicated at the address and email address provided.

Read the complete article at: <http://www.arrl.org/news/fcc-grants-temporary-emergency-authority-to-wisps-operating-in-5-8-ghz-band>

ARES Members to Support Illinois Emergency Management Agency in COVID-19 Response (03/31/2020)

Illinois ARES members are supporting the Illinois Emergency Management Agency’s (IEMA) COVID-19 response activities as AuxComm Radio Operator volunteers. Illinois ARES will coordinate the number and location of volunteer amateur communicators with IEMA on an ongoing basis for the foreseeable future.

Read the complete article at: <http://www.arrl.org/news/ares-members-to-support-illinois-emergency-management-agency-in-covid-19-response>

Amateur Radio Satellite Spreads *Fight Coronavirus* Message (03/31/2020)

Indonesia’s International Amateur Radio Union member-society ORARI reports the ham radio satellite LAPAN-A2 (IO-86) is being used to transmit a “fight coronavirus” message via APRS. The satellite’s text message is, “Stay Healthy, Stay at Home #LawanCorona (Fight Coronavirus).”

Read the complete article at: <http://www.arrl.org/news/amateur-radio-satellite-spreads-fight-coronavirus-message>

(continued on page 7)

USA Amateur Radio Direction Finding Championships Canceled (03/31/2020)

The ARRL ARDF Committee has made the difficult decision to cancel the 20th USA ARDF Championships, which were set to be held this summer. Contact the ARRL ARDF Committee for more information on ARDF and on attending, participating in, or hosting ARDF competitions. ARDF participants do not need an amateur radio license. For more information on Amateur Radio Direction Finding, visit the Homing In website of Joe Moell, K0OV. — Thanks to USA ARDF Co-Coordinator Charles Scharlau, NZ0I

Source: <http://www.arrl.org/news/usa-amateur-radio-direction-finding-championships-canceled>

Digital Editions of QST and On the Air Currently Not Available Online (03/31/2020)

The digital editions of QST and On the Air magazine are currently unavailable online. Access to the publications via the iOS, Android, and Kindle apps is functioning normally, however. Digital publisher PageSuite is working to resolve the problem. ARRL will update members when web access has been restored.

Source: <http://www.arrl.org/news/digital-editions-of-qst-and-on-the-air-currently-not-available-online>

Belize Amateur Radio Club Shack Lost Due To Fire (03-28-2020)

The Belize Amateur Radio Club shack (V31HQ) has burned down. Nobody was injured, however Andre V31DL (owner of the shack) has lost ALL equipment.

Two photos on the site show the shack consumed by fire and the aftermath - all equipment destroyed. If you can and would like to help the rebuilding of V31HQ, please donate via the Donate button on their website.

Source: <http://barc.bz/>



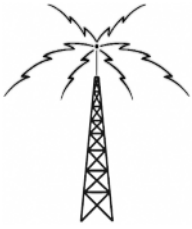
Silent Key

Sallie Margaret Baker Howard (AB5YL), 72, of Austin, Texas, passed away Monday, March, 9th, 2020. She held an Amateur Extra class license and was a Life Member of the ARRL. She is survived by her husband James Deroy Howard (AA5R) and two children, James and Sarah, of Austin, Texas.

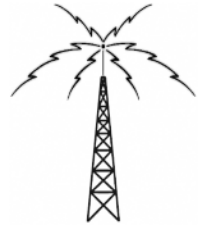
The funeral service was held Saturday, March 14, 10:00 am at "First Austin" First Baptist Church, of Austin. 901 Trinity St, Austin, TX 78701. After the service at the church, there was a short service at the cemetery, Austin Memorial Park Cemetery 2800 Hancock Dr, Austin, TX 78731.

<https://www.dignitymemorial.com/obituaries/austin-tx/sallie-howard-9080269>





Over the W/Waves...



(Note: Titles added by Editor. All links verified prior to publication.)

A Blast From The Past

Maybe it is time to circulate this URL and the associated video again. It is the 1970 Periscope Films item "This Is Ham Radio" from the ARRL.

<https://youtu.be/v6-ydrdTPhM> (Length: 15:12)

(DE K5FNI, Rick)

[Editor's note: The young folks in the video still have licenses in the FCC database! My SoundHound app even identified the intro music. I especially liked the homebrew transmitter for \$10 in parts. (11:20)]

First Online Amateur Radio Exam!

Yes! A W5YI exam session was recently held - totally online. Joseph Talbot of Pahrump, NV sat the exam and his FCC Technician license callsign of KJ7NNU was granted on March 27. His entry in the FCC database can be seen at <https://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=4267101>

More info at: <https://qrznow.com/usa-conducts-first-all-online-ham-radio-exam/>

(DE K5MSK, Michael)

A Simple High-Frequency Communications Receiver

If you want a new project to keep you busy, "A Simple High-Frequency Communications Receiver" features a microcomputer controller and is ideal for listening to SSB, CW, and AM. James Forkin, WA3TFS, explains his design in the May issue of QST. <http://www.arrl.org/qst> (Note: ARRL membership required to view QST online.)

<https://qrznow.com/a-simple-high-frequency-communications-receiver/>

(DE K5MSK, Michael)

New Ham? Need Help Setting Up a Station?

If you're a new ham and need a place to start, Dave Casler (KE0OG) has a new series of YouTube videos that may help answer some of your questions. He covers what he believes are requirements for a "Technician Reference Station" Home/Mobile Rig, comprised of an FM 2m/70cm rig and to include a digital mode (maybe DMR, D-STAR, or Yaesu Fusion).

<https://youtu.be/scUXyWdzvTg>

And don't forget! **The Austin Amateur Radio Club** has an "Elmer Net" every Saturday at 7:00 pm local time on the 146.940 MHz repeater (- offset, 107.2 tone). It's a great time to ask questions on-air, or even via email if you don't have your license yet.

(DE K5MSK, Michael)



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?

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

ANTENNA
 ARDUINO
 CAPSULE
 CODE
 CONTESTING

DIGITAL
 DISTANCING
 EMERGENCY
 FRONTIER
 HAMVENTION

HUNTING
 INTERFERENCE
 SATELLITE
 TITANIC
 TRANSMISSION

XYL by Carolyn Canfield, KE5DTS (SK)
 (previously published April, 2006)



No problem! I'm sure he's hanging around here somewhere.

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 or modified without notice. Check the respective links for current info.

04/11/2020 | Apollo 13 50th Anniversary

Apr 11-Apr 17, 0000Z-2359Z, NN4SA etc, Huntsville, AL. NASA Amateur Radio Clubs. 14.271. QSL. Check QRZ.COM for individual club, various, various. Numerous NASA clubs will be on the air. Check DX cluster for frequencies and call signs. Contact the appropriate club for QSL information. <https://nasaontheair.wordpress.com>

04/14/2020 | Sinking of the Titanic - 108th Anniversary

Apr 14-Apr 15, 1540Z-0100Z, AL4US, Pigeon Forge, TN. American Legion Post 104 Amateur Radio Club. 14.280 7.180 14.280. QSL. AL4US, c/o American Legion Post 104 , P.O. Box 4242, Sevierville, TN 37864. <http://www.tnpost104.org>

04/18/2020 | Texas State Parks On The Air - **CANCELED**

See announcement of cancelation at <https://www.tspota.org/>

04/18/2020 | Maker Faire Connecticut

Apr 18-Apr 19, 0900Z-1700Z, N1M, Westport, CT. Connecticut ARES. 14.225. Certificate. NA1RA, P.O. Box 354, New Milford, CT 06776. Celebrating the 9th annual Maker Faire Connecticut <http://www.ctares.org/>

04/18/2020 | The Safe Return of Apollo 13 - 50th Anniversary

Apr 18, 1600Z-2100Z, K7T, Tucson, AZ. Oro Valley Amateur Radio Club. CW 14.040 7.040; USB 14.250; FT8 18.100. Certificate. Send request to, qsl@tucsonhamradio.org for, certificate.. No paper QSLs please. <http://www.tucsonhamradio.org>

04/18/2020 | World Amateur Radio Day

Apr 18-Apr 19, 1200Z-1200Z, W7W, Ogden, UT. Nevada Amateur Radio Repeaters, Inc.. HF frequencies; EchoLink conference *World* 479886 IRLP 9251 VOIP . Certificate & QSL. Thomas Harrington , 636 West 24th St., Ogden, UT 84401. <http://wrn-wfn.com/>

04/18/2020 | World Amateur Radio Day 2020

Apr 18-Apr 19, 1600Z-0400Z, W2W, Rochester, NY. DoDropin Echolink Conference Node 355800. 446.025. Certificate & QSL. W2JLD/John Derycke, 85 Amherst St., Apt. 2, Rochester, NY 14607. This is a VOIP/ECHOLINK Special Event, *DODROPIN* Node 355800 Allstar Node 47620. To obtain a special event QSL Card and a certificate, send a S.A.S.E. TO : W2JLD/JOHN DERYCKE 85 AMHERST ST ROCHESTER NY 14607 w2jld2@gmail.com

04/25/2020 | San Jacinto Day Special Event

Apr 25-Apr 26, 1500Z-2300Z, K5T, Nacogdoches, TX. Nacogdoches Amateur Radio Club. 14.260 14.174 7.220 7.174. QSL. Army Curtis, 167 County Rd. 2093, Nacogdoches, TX 75965. All contacts will be confirmed via LOTW. QSL requests must include SASE. <http://W5NAC.com>

AARC Meeting Info

AARC Monthly Meeting
Tuesday, March 3, 2020 / 7:00pm to 9:00pm

Location: ONLINE
See Page 2 for details

Meeting Topic
TBD

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.

April exam is CANCELLED / May is pending

For more info, contact:

Joe Makeever, W5HS (512-345-0800)

W5YI VEC - April Exam-CANCELLED / May is pending
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

Apr 18 – Red Poppy Ride

<http://www.redpoppyride.org/>

CANCELED due to COVID-19 threat.

(Possibly postponed until October - unconfirmed)

Contact: Craig, W5TSN cboegler@suddenlink.net

Apr 18 – Hill Country Ride for AIDS

The Hill Country Ride for AIDS has gone virtual:

<https://mailchi.mp/2b7dfcf58d29/2020-rider-kit-ready-set-order-7752163>

General donations can be made through their website:

<https://p2p.onecause.com/hillcountryride>

May 2-3 – 2020 Texas MS 150

(Note: Canceled due to COVID-19 threat)

Formally the BP MS 150. Please Note Other Major Changes for 2020: Austin has been ADDED as a START location.

The ride will start from Austin AND Houston.

Saturday Night overnight is still in La Grange.

Kyle Field at Texas A&M is the New Finish Location on SUNDAY. Volunteer Sign-up is ready to Go!

Please see the following NEW website for additional information: <http://texasms150hams.org/>

May 15-17 – Dayton Hamvention

(Note: Canceled due to COVID-19 threat)

Greene County Fairgrounds and Expo Center
120 Fairgrounds Road, Xenia, OH 45385

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

Lat/Long Navigation Use:39.7021,-83.9420

<https://hamvention.org/event-details/event-schedule/info@hamvention.org> or phone 937-276-6930

2021 – May 21-23

2022 – May 20-22

Jun 12-13 – HamCom

Keep eye on website for changeups

Plano Event Center

Friday, June 12 12:00 PM - 5:00 PM

Saturday, June 13 8:00 AM - 5:00 PM

<https://sites.google.com/hamcom.org/ham-com/home>

July 11 – Tidelands Texas City Hamfest

8:00 am - 2:00 pm

Charles T. Doyle Convention Center

2010 5th Avenue North

Texas City, TX 77590 United States

Talkin: 147.14 MHz Tone 167.9

(Secondary) 442.025 MHz Tone 103.5

<https://www.tidelands.org/>

Email: hamfest@tidelands.org

Replaced Yahoo Group with: <https://groups.io/g/tidelands>

Jul 24-25 – Central States VHF Society Conference

La Crosse, WI

Registration open around May 1st.

Be sure to visit <http://2020.csvhfs.org/> for ongoing updates. Direct any questions you may have about the

Conference to registration@csvhfs.org

Bruce Richardson, W9FZ CSVHFS President

Aug 7-8 – Austin Summerfest

Crowne Plaza 6121 North IH-35 Austin, TX 78752

2020 info TBA on: <http://www.austinsummerfest.org/>

Oct 2-3 – Belton Ham Expo (Fall)

Bell County Expo Center, 301 W Loop 121, Belton, TX

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

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

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

Upcoming Meetings...

Apr	May	Frequency	Austin Meetings/Happenings	Time	Address
7	5	1st Tuesday	AARC Meeting @ ONLINE	7:00pm	ONLINE - See page 2
28	26	4th Tuesday	Travis County ARES @ ON-AIR	7:00pm	On-Air 147.360
21	19	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, 1616 E. Oltorf	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 AARCOVER 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 publish them with attribution.

Thanks & 73 DE K5MSK, Editor

IMAGE CREDITS

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Minutes of the Regular Membership Meeting of March 3, 2020

The Austin Amateur Radio Club (AARC)

The meeting was called to order by President Kerby Spruiell, KG5DLD, at 7:03 p.m. in the auditorium of the Pickle Research Center.

New Members: Jonathan Taylor, KI5HHX; Sunday Yokubaitis, KF5MJU; Doyle Williamson, KI5HVG.

Guests & Visitors: Byron Olson, W0WB, from Austin, and grandson Gus Olson, N0GUS from Iowa; Madison Jones, W5MJ; guest speaker Robert Brandon, K5PI.

Several were elected without objection for February **Ham of the Month**:

- Marie Vander Weele, KA5HFH, for her continued work on the Copeland Scholarship program, and Bob Morgan, WB5AOH, and Joe Fisher, K5EJL, for cleanup work at W5KA at the Red Cross chapter house.

February 2020 minutes were approved as posted on the website.

Treasurer's report by Mark Jenkins, W5MPJ:

- Approximately 30 have not paid for 2020
- Approximately \$9,600 in bank account, \$3800 in savings and \$5800 in checking.

Special Interest Groups

- Michael Marks, KG5RXG, ARES Emergency Coordinator:
 - 117 have registered with Travis Co. ARES as of February.
 - Very successful drill was held February 5 with local hospitals.
 - The MS150 and Hill Country Ride for AIDS are coming up; volunteers needed.
Email kg5rxg@arrl.net.
 - We have a new website at "tcares.org"; please visit.
 - We are migrating from Yahoo Groups to Groups.io.
- Technical Committee: Roy Walker, WA5YZD:
 - There may be a need for fox hunting hams; interlopers have been reported on repeaters.
 - Fox Hunts will be "re"-organized by Paul Fenrich, KA5FZU.
- Copeland Scholarship Committee, Stuart Rohre, K5KVH:
 - Now taking applications past March 1st deadline. Currently we have two applicants.
- Greenwood Scholarships: Kerby Spruiell, KG5DLD:
 - Formation of the Greenwood Foundation is still in work.
 - Approximately \$80,000 is available to award now.
 - Notices have been sent to over 90 schools in the central Texas area.

New Business – Phil Baustista, AA5EX, presented a U.S. flag, flown over the U.S. Capitol, and a certificate from U.S. Senator Ted Cruz commemorating 100 years of AARC history. A *Thank You* certificate (or card) to Senator Cruz was passed around for signatures.

Solar Weather Report by Lew Thompson, W5IFQ, "There are no sunspots, but there is propagation".

Robert Brandon, K5PI, gave a presentation: "An Introduction to Contesting and DXing".

Meeting adjourned at 9:05 p.m.

Joe Fisher, K5EJL, acting for Secretary Joan Cox, KD4SRD.



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

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* 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.**

