



AARC OVER

**Keeping Austin Wireless
for Over 96 Years!**

Bulletin of Austin Amateur Radio Clubs

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Issue 05-2017

FCC Approves MF/LF Ham Radio Bands

(Source: [CQ Newsroom](#) & FCC)

Hams in the U.S. will soon have two new bands on which to operate, experiment and contribute to the collective knowledge of “the radio art.” In a Report and Order issued on March 30, the FCC approved creation of secondary amateur allocations at 135.7-137.8 kHz (2200 meters) and 472-479 kHz (630 meters), the first amateur bands with wavelengths above 200 meters since the dawn of radio regulation.



(continued on page 5)

Periodic Events

Sun	7:00 p.m.	Travis ARES net	147.36 MHz + (131.8)
Sun	8:00 p.m.	Travis ARES Packet (*in UNPROTO)	145.73 MHz
Sun	8:00 p.m.	Williamson ARES net	146.64 MHz - (162.2)
Sun	9:00 p.m.	ARO Swapnet	146.94 MHz - (107.2)
<i>Sun</i>	<i>(After Swapnet)</i>	<i>Newsline</i>	<i>146.94 MHz - (107.2)</i>
Mon.	7:30 p.m.	STX ARES Net	3.873 MHz
Tues.	7:30 p.m.	Hays ARES net	147.100 MHz +
Tues.	8:00 p.m.	Bastrop ARES Net	443.750 MHz + (114.8)
Wed	11:30 a.m.	Ham Social Luncheon, Jim's	146.94 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	444.1 MHz+
Thu	11:45 a.m.	Lunch, Whataburger Oltorf & Burleson	146.94- (107.2)
Fri	8:00 p.m.	6m SSB Net	50.230 (texasvhf.org/)
Sat	7:00 - 8:30a.m.	Breakfast @ Waterloo Ice House	444.1 MHz +
Sat	9:00 a.m.	Chapter 67 QCWA QSO Net.	3.920 MHz LSB
Sat	7:00 p.m.	AARC Elmer Net	146.94 MHz- (107.2)
Daily	6:30 p.m.	Central Texas Traffic Net	147.14 MHz+

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Ham Radio Exams Results

The following are the results of the ARRL VE Test Session held on **April 1st** at Bethany United Methodist Church:

Technician Class Licenses Processed

Tyler J. Beattie KG5SPP	Christopher R. Oatman KG5SPM	Michael S. O'Toole KG5SPJ
Jennifer L. Parker KG5SPN	Jacob M. Sherlock KG5SPS	Sora M. Sunby KG5SPQ
Turner L. Whatley KG5SPL		

General Class Licenses Processed

Marcus J. Ickes KG5HZG	Bradley A. Martin KG5SPR	Mark J. Schiff KG5SPO
Vijay D. Veerarahavan KG5SPK		

Extra Class Licenses Processed

Theodore W. Hejl K5RNJ	Thomas G. Price KG5RXE	Robert E. Walton W5BEW
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Examiners Participating in this Test Session

David Boren WJ1Q	Larry Gunter WB5BEK	Gene Hinkle K5PA
Joe Makeever W5HS	Jim Matthews KG5QFD	Steve Schreiber KG5LAA
Donald Sitze AF6VA		

Next ARRL VE Test Sessions

May 6th @ 9:00a.m. - Bethany United Methodist Church, Disciple Bldg. Room 203/204

June 3rd @ 9:00a.m. - Bethany United Methodist Church, Disciple Bldg. Room 203/204

TNX ES 73 DE W5HS

Joe

4-15-2017

The South Austin W5YI VE team heartily congratulates the following people who earned new or upgraded amateur radio licenses at our **April 15th** session:

General Class

Jacob Atlas (NEW)

Technician Class (NEW)

Ruben Fuentes	Karina Gaul	Kyla Hayworth	Reed Hanson
Yoel Freund	Joshua Johnson	Joseph Burns III	Lorelei Holdren
Michael Woehl	William Collier	Janell Moyes	

Our administering volunteer examiners were:

Craig Bean, AC5KW	Sam Mihalik, KM5MY	Ted Iglehart, KF5END
David Glosson, N5DPG	Wally Marusa, K5WLY	

Our next two amateur radio exam sessions will start at **2 PM** on **May 20th** and **June 17th** in Fleck Hall, Room 118 on the campus of St. Edward's University. All sessions are walk-in and the exam fee is \$14.

For additional information regarding our amateur radio examination sessions, please contact
Craig, AC5KW at **(512) 474-6443** or by e-mail to **AC5KW@ARRL.net**

2017 Officers

President	James Hollan	KG5SGR	president@austinhams.org
Vice President	Lew Thompson	W5IFQ	vice-president@austinhams.org
Treasurer	Jay Hoffman	KA5OST	treasurer@austinhams.org
Secretary	Angie Steelman	KF5ZXI	secretary@austinhams.org
Editor, AARCOVER, website	Michael Skurka	K5MSK	editor@austinhams.org
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ARRL Travis Co. Emer. Coord.	Kerby Spruiell	KG5DLD	ec@austinhams.org
TC ARES PIO	Steven Polunsky	W5SMP	tcares-pio@gmail.net

Please contact a club officer, attend a meeting, or mail us to join the organization. You can also join or renew online.

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

FREQUENCY	USE
146.780/ -600kHz	2m D-STAR Repeater [W5KA C]
146.880 107.2 PL Tone	Analog/Digital Fusion
146.940 107.2 PL Tone	Most popular, WX, Swapnet & Newsline
224.800	
444.100	
444.200 107.2 PL Tone	
440.650 +5	70cm D-STAR Repeater [W5KA B]
1293.100/-20	23cm D-STAR Repeater[W5KA A]
1248.200	23cm D-STAR DD (data, simp./reversible) [W5KA A]

Persons using the repeaters are asked 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.

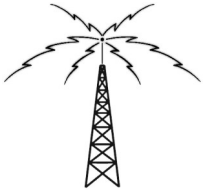
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Members and other readers are *encouraged* to submit material for publication. Contact the Editor, if mailed submissions are required. Email and/or electronic files are encouraged! Submissions may be edited for publication (for content and/or space). **Deadline is 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 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
See: Jay Hoffman, KA5OST / ka5ost@arrl.net
Jay handles all changes for membership information.



Over the WWaves...



CALL FOR ARTICLES and LINKS

Your help is requested and appreciated to send links and articles for our beloved newsletter.

Until then, I leave you with a couple of fun tidbits from the internet. (Cat DE K5FNI, Rick)



AARC Elmer Net - Saturdays @ 7:00PM / 146.94 MHz (-) 107.2 Hz

Did you know? AARC hosts an Elmer Net on Saturdays for newly licensed or soon-to-be licensed amateur radio operators!

Join us on the 146.94 repeater. Bring your questions with you, or participate as an Elmer. We encourage on-air participation. But for those who are not yet licensed, an email address is normally given at the beginning of the net to send your questions. Then, all you need to do is listen for the answers.

Previous topics have included the history of amateur radio, antennas (general and very specific questions), station grounding, troubleshooting, static protection, and lots more!

Thanks go to all participating stations and Elmers, and particularly N5MNW (Jeff) who graciously and tirelessly hosts the net each week.

Congratulations to K5LBJ!

K5LBJ placed first among all entries in SCR in February. It's the fourth time in 13 years, if I remember right, that we've done so. (DE K5EJL - Joe)

REMINDER

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.

(CONTINUED FROM PAGE 1)

The new bands come with lots of strings attached, since they will be shared with “PLC” systems used by electric utilities to control the nation’s power grid. Hams will be limited to fixed station operation, antennas no higher than 60 meters (196 feet) above ground and radiated power limits of 1 watt effective isotropic radiated power (EIRP) on 2200 meters and 5 watts EIRP on 630 meters (1 watt in some parts of Alaska). Plus, operation on these bands will not be allowed within one kilometer of electric transmission lines using PLC and advance notice of all planned operation to the PLC network coordinator will be required.[...]

[Continue reading at the CQ Newsroom.](#) (Fair Use restriction)

[Click here to download the full Report and Order from the FCC \(PDF\).](#)

Annual Armed Forces Day Crossband Military/ Amateur Radio Communications Test

(13 MAY 2017)

The Army, Air Force, Navy and Coast Guard are sponsoring the annual military/amateur radio communications tests in celebration of the 66th Anniversary of Armed Forces Day (AFD). The AFD Military/Amateur Crossband Communications Test is conducted 13 May 2017.

The annual celebration is a unique opportunity to test two way communications between Amateurs and military communicators authorized in 47 CFR 97.111, and features traditional military to amateur cross band SSB voice, Morse Code, practice using legacy interoperability waveforms, as well as an opportunity for Amateurs to utilize more modern military communications modes such as MIL-STD Serial PSK and Automatic Link Establishment (ALE).

These tests give Amateur Radio operators and Short Wave Listeners (SWL) an opportunity and a challenge to demonstrate their individual technical skills, and to receive recognition from the appropriate military radio station for their proven expertise. QSL cards will be provided to those stations making contact with the military stations.

Download the following pdf file for full details.

[FINAL 2017 ANNUAL ARMED FORCES DAY v1.pdf](#)

Source: <http://www.usarmymars.org/home/announcements>

Meeting Minutes — AARC General Meeting, 4 April 2017

Start: 7:05 pm

Attendance: 43

We had one visitor this month. Welcome!

We had no new ham this month.

We had one new member this month - Welcome!

We had no upgrades or call sign changes this month.

Approval of minutes

The minutes from March were approved as printed in the AARCover.

Announcements:

- ◆ Cindy Wells, K5CSW, has an informal net on Mondays at 8:00 pm at 146.64 MHz
- ◆ Jay Hoffman, KA5OST, de James - the new website is still up and running; Jay is still working on the online payment system.
- ◆ See the swapnet newsletter for upcoming events.

Officer reports

- ◆ Treasurer: Jay Hoffman, KA5OST - not present.
- ◆ Secretary: Angie Steelman, KF5ZXI - We had 47 people sign in last month. Thanks for signing in if you have, please do sign in if you haven't yet.
- ◆ Vice-President: Lew Thompson, W5IFQ - I handle the presentations and am always looking for presenters or topics. Email me if you have ideas. The program tonight is D-Star, the program for May is WinLink, and the program for June is Field Day.
- ◆ Newsletter: Mike Skurka, K5MSK - not present.
- ◆ ARES: Kerbey Spruiell, KG5DLD: Weather net last Sunday with the storms. April 22: Red Cross and AFD are giving out smoke detectors; we are providing communication between the canvassing and installation teams
- ◆ Roy Walker, WA5YZD - a project has been submitted for a funding request to connect area hospital sites via microwave. We need someone to put together a presentation. It can be anyone involved with the project and should include topics such as a needs analysis, time frame, and what is to be accomplished. This project is to provide service when the internet goes down, and the presenter should get with Mark Esslinger to prepare the presentation.
- ◆ BBHN: Brian Wood, KF5GAH: no changes at this time.

Space weather was presented by Lew Thompson, W5IFQ.

Copeland Fund election: Stuart Rohre was nominated, seconded and approved by oral vote.

Tonight's presentation was an overview of the D-Star system presented by Jim Truelove, WB5EMI, and Roy Walker, WA5YZD.

~~~ End of Minutes ~~~



*[Editor's Note: The presentation has been posted on the AustinHams.org website.]*

## 2017 Calendar of Events

### AARC Meeting Info

7:00pm to 9:00pm / Tuesday, May 2  
 Location: Applied Research Lab  
 10000 Burnet Road, Austin TX

#### **Topic:**

Global WinLink System

Solar WX Summary: W5IFQ (Lew)

### Officers Meeting

Officers meet from 6:00 to 7:00p.m. prior to regular club meeting and is open to all. Contact an officer for more information.

## 2016 Upcoming Amateur Exams

### **ARRL VEC - May 6th & June 3rd**

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 - May 20th & June 17th**

2 p.m. in **Room 207**, Fleck Hall, St. Edwards University. \$14 fee. Contact Don Dudley AC5YK @ARRL.net for more info. \$14 fee.

### **May 6 - Corpus Christi Area Swap Meet, Tail Gate & Car Cruise**

Tailgate & Swap Meet—Anything Goes—Share with your friends! 8am-11:45pm / Location: Vick's Famous Burgers 4989 Ayers St. / Corpus Christi, TX 78415 / Behind Vick's Burgers to the left by the hotel fence.

Contact Gary KF5DZQ kf5dzq@gmail.com

[Vick's Facebook page](#)

### **May 13-14 - Maker Faire Austin**

Palmer Events Center. Dark Room, Fashion Show, Power Tool Drag Racing, etc. AARC will again have a booth!

### **May 19-21 - Dayton Hamvention**

New location in 2017 Greene County Fair & Exposition Center <http://hamvention.org/hamvention-announces-venue-for-2017/>

### **Jun 9-10 - Ham-Com**

Irving Convention Center at Las Colinas  
 500 West Las Colinas Blvd., Irving TX 75039  
 Talk-in Primary: 146.720 (+) 110.9  
 Secondary: 147.180 (+) 107.2

### **Jun 24-25 - ARRL Field Day**

1:00PM local on Saturday to 1:00PM local on Sunday

**AARC** - American Red Cross, 2218 Pershing Dr, Austin TX  
 Stuart [K5KVH @ARRL.NET](mailto:K5KVH@ARRL.NET)

**WCARC** - Devine Lake Park, 1807 Waterfall Dr, Leander TX  
 Mike 512-690-4110 [w9mc @austin.rr.com](mailto:w9mc@austin.rr.com)

**Hambuds** - SW Williamson County Regional Park off of CR175  
 Jim [Jim @K5KTF.com](mailto:Jim@K5KTF.com)  
 Danny N5DRG, Jimmy KC5WLF 145.840

**More events listed in the SWAPNET Newsletter!**

## Upcoming Meetings...

### May June Austin Meetings/Happenings

| May | June | Austin Meetings/Happenings                                               | Time      | Address             |
|-----|------|--------------------------------------------------------------------------|-----------|---------------------|
| 2   | 6    | AARC Meeting @ Applied Research Lab                                      | 7:00 p.m. | 10000 Burnet Rd     |
| 23  | 27   | Travis County A.R.E.S. @ Applied Rsrch Lab                               | 7:00 p.m. | 10000 Burnet Rd     |
| 25  | 22   | CERT Meeting @ TBD (see <a href="#">Link</a> / <a href="#">Contact</a> ) | 7:00 p.m. | TBD                 |
| 22  | 26   | CTDXCC Meeting @ Old Quarry Library                                      | 6:30 p.m. | 7051 Village Ctr Dr |

*If your club is listed here and has incorrect time or dates, please let us know! editor austinhams.org*

Visit our new website at <http://austinhams.org/>