



AARC COVER

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

Bulletin of Austin Amateur Radio Clubs

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May 2016

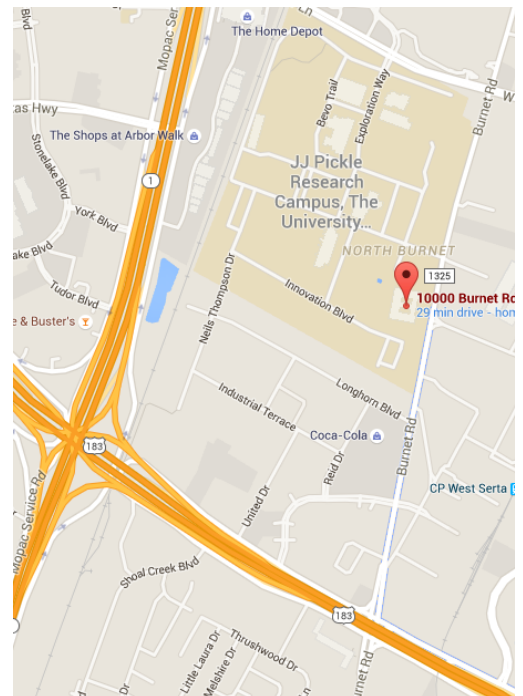
Issue 5-2016

NEW CLUB MEETING LOCATION

Thanks to our members, we've outgrown the Baby Acapulco location. Beginning with the May 3rd meeting, we will be meeting at the Applied Research Lab at 10000 Burnet Road. The ARL has better facilities for presenting and seat about 100. While there is no dinner available at the meeting, there are several restaurants nearby that you may want to visit prior to arriving at the meeting.

How Do I Get There?

- ◆ If you are coming from the north on Burnet Road (heading south), it will be 0.8 miles south of Braker, at the Rutland intersection and light.
- ◆ From the south side of Burnet Road, it is 0.7 miles north of 183. The second light is the Rutland intersection.
- ◆ If you are coming from Mopac (aka Loop 1), take the 183 South exit and then the Burnet Road exit. Go north at the



(Continued on page 3)

Periodic Events

Sun	7:00 p.m.	Travis ARES net	147.36 MHz + (131.8)
Sun	8:00 p.m.	Travis ARES Packet	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)
Sun	(After Swapnet)	Newsline	146.94 MHz - (107.2)
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

4-19-16

The South Austin W5YI VE team heartily congratulates the following people who earned new or upgraded amateur radio licenses at our April 16th session:

Technician Class (NEW)

Michael Paolini	John Keene
Jeff Evans	Cary Harris
David Conley	Mitchell Norris
Benjamin Buchanan	Anthony Seekatz
Kyle DeHolton	Glen Olinger
Rene Aguilar	Val Gameiro
Bradley Caponigro	Jamero Abraham
Robert Carroll	

General Class

Seth Bertram (New)	William Yager (New)
Stanleigh VonMiller, Jr., KG5MTL	Isaac Metcalf (New)

Our administering volunteer examiners were:

Craig Bean, AC5KW	Gary Popp, AE5JR
Shankar Thirunakkarasu, KG5KWS	Tony Lyon, KJ5XF
Wally Marusa, K5WLY	

Our next two amateur radio exam sessions will start at
2 PM on May 21st and June 18th 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
ac5kw@arrl.net or visit our web page at: <http://texashams.org/w5yi-austin/>

With sincerest apologies, the results of the ARRL VE Test Session held in April at Bethany United Methodist Church will be included in next month's newsletter. Your editor experienced a catastrophic hard drive failure and lost many email messages, including these exam results.

Congratulations to Mary Steelman - KG5EXJ / AG!

Article reprinted with permission of the Central Texas Amateur Radio Club, from *The Wavelength Newsletter*, Issue Number 72.

Ham Expo

Amateur Radio Test Session

Contributed by Kenneth Watkins, KE5ISN

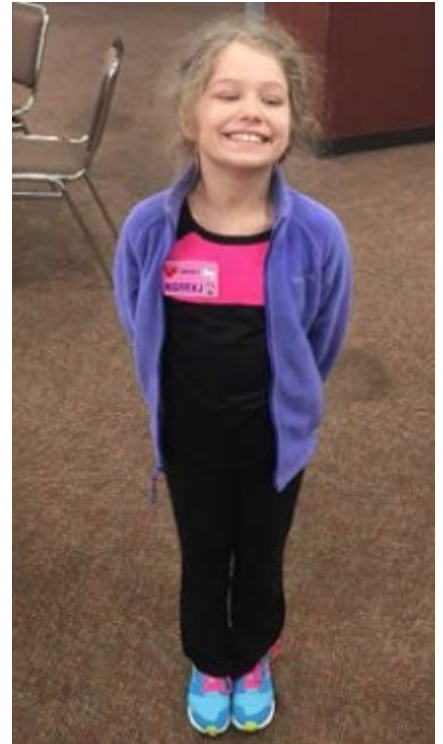
The VE's at HamExpo on April 16th, were kept busy administering a total of 25 license exams which resulted in 5 new Technicians, 9 new Generals and 5 new Extras.

Included in that number is one of CTARC's newest members Patricia Bahr KG5KZW, who passed her General exam. Gail Chandler, the XYL of Emery Chandler - KG5HFI, passed her Technician exam. Her new callsign has yet to be posted at this writing. What might be considered the "star of the show" was 8 year old **Mary Steelman - KG5EXJ** who passed her General Class exam - missing only one question.

Mary, who has been licensed since November 2014, pulls no punches and says she will soon go for her Extra Class so she can raise her hand and say, "I got mine!"

Her proud parents are Mary - KF5ZXI and Scott - KF5ZRZ, both Extra Class license holders.

A huge thanks to all the VE's who participated in the exam sessions!



Mary Steelman—KG5EXJ / AG

Thanks to KD4HNX, Dallas, for sending this in for submission to the newsletter.

(Continued from page 1)

Burnet Road light. Then go 0.7 miles north, to the Rutland intersection (second traffic light).
◆ From Highway 35, go North on 183. Take the Burnet Road exit. Go north at the Burnet Road light. Then go 0.7 miles north, to the Rutland intersection (second traffic light).
Once you reach the Rutland intersection, there are two entrances to the parking lot. Coming from the north, one is just before you get to the light. The other (south) entrance is at the light. If you're coming from the south, be careful and watch for oncoming traffic before turning into the parking lot.

Oh yeah, the topic. The meeting topic will be presented by K8YUM, Dana Whitlow (Arecibo Microwave RX specialist/scientist), and will presenting on the Arecibo Observatory in Puerto Rico. This promises to be very interesting. And, of course, we'll have the Solar Weather Summary by W5IFQ, Lew Thompson.

What are you waiting for? Grab a friend. Grab some grub (before the meeting). Grab a seat (at the meeting). Hope to see you there!

President	Don Dudley	AC5YK	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
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ARRL Travis Co. Emer. Coord.	Mark Esslinger	W5MAE	ec@austinhams.org
TC ARES PIO	Steven Polunsky	W5SMP	tcares-pio@gmail.net

Please contact a club officer, attend a meeting, 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	AUTOPATCH	USE
146.880 107.2 PL Tone	No	Analog/Digital Fusion
146.940 107.2 PL Tone	No	Most popular, WX, Swapnet & Newslite
224.800	No	
444.100	No	
444.200 107.2 PL Tone	No	
440.650 +5	No	70cm D-Star Repeater [W5KA B]
146.780/ -600kHz	No	2m D-Star Repeater [W5KA C]
1293.100/-20	No	23cm D-Star Repeater[W5KA A]
1248.200	No	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. If you have new or updated repeater information, please send an email to the newsletter editor.

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Members and other readers are encouraged to submit material for publication. Call Mitch London, if mailed submissions are required. Electronic files are encouraged! Submissions may be edited for publication.

Deadline is the 22nd of the month.

Material may be used in a later issue. Unless otherwise noted, permission is granted to reprint AARCOVER articles, provided you credit the author and the AARCOVER.

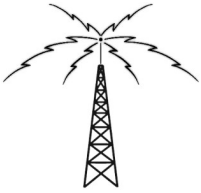


For Changes in your ADDRESS, PHONE NUMBER or CALL SIGN:

See Jay Hoffman, KA5OST

ka5ost @ arrl.net

Jay handles all changes for membership information .



Over the WWaves...



A Collection of useful and interesting Websites sent in by our readers

(All links have been checked by editor as working at time of publication)

And you thought climbing that 100' tower to replace your antenna was a big deal! Check this video out...

<https://www.youtube-nocookie.com/embed/VxlKZereog0?rel=0>

(de K6RV, Donald)

AWESOME LINK OF THE MONTH!!!

cubesats - fly your satellite!

Have you heard of CubeSats? They are a type of miniaturized satellite for space research that are made up of multiples of 10x10x11.35cm cubic units. They have a mass of no more than 1.33 kilograms per unit and often use commercial off-the-shelf (COTS) components for the electronics and structure. Several of them incorporate amateur radio.

The most recent launch was AAUSAT-4, E-st@r-II and OUFTI-1 on April 25th. The three cubesats are sending beacon information in their transmissions on amateur radio frequencies. They've been in orbit for just over a week now. And first three radio amateurs skilled, or lucky, enough to send a recording of the signal from one of these satellites could receive a prize from the European Space Agency's Education Office. Don't worry! If you're not one of the first three, you could still receive a QSL card confirming your reception.

For details and more information, visit:

[http://www.esa.int/Education/CubeSats - Fly Your Satellite/Be the first to catch a signal from Fly Your Satellite! from space](http://www.esa.int/Education/CubeSats_-_Fly_Your_Satellite/Be_the_first_to_catch_a_signal_from_Fly_Your_Satellite!_from_space)
and for specifics on AAUSAT-4:

<http://www.space.aau.dk/aausat4/index.php>

For even more information, just use your favorite search engine to search for "AAUSAT-4".

Spotlight on Hamfests

New Orleans Ham Radio & Computer Flea Market

May 7

Location: LakeVista Methodist Church Fellowship Hall
6645 Spanish Fort Blvd., New Orleans, LA

The tables are **FREE**. The admission is **FREE**. The parking is **FREE**. Reserve your tables now! Joe Joen5ozg@cox.net 504-288-7084 or Eric at af5jg@outlook.com

Set up 6:00-8:00 pm on May 6 and at 8:00-8:30 am May 7. Doors open at 8:30 am to 12 noon.

Grand Prize is a Dual Band Mobile Radio, 2nd prize is Dual Band Hand Held.

VE Exam Session 1PM Jefferson Parish Library 1000 West Esplanade Ave., Metairie, Louisiana

Yahoo Group: <https://groups.yahoo.com/neo/groups/CCARG/info>

Talk-in will be **146.82/147.105** repeater with a PL Tone of **114.8** Hz.
This Hamfest is sponsored by the Crescent City Amateur Radio Group.
For more information contact Steve at n5wxc@hotmail.com



Dayton Hamvention

May 20-22, 2016

Location: 1001 Shiloh Springs Road, Trotwood ,Ohio

With a web site that looks pretty good on a smartphone as well as a desktop computer, this Hamfest is definitely considered to be the largest in North America. It is held at the Hara Arena in Trotwood, Ohio - about 15 minutes from Dayton, and has been held there since 1964!

If you're looking for forums, exhibits, flea market, a one-day technician class course, and much, more, plan your trip to Dayton Hamvention now.

I've not been to the Dayton Hamvention, yet, but it's likely in my future. Now what was it that I *don't need* but *gotta have*?! ;)

Meeting Minutes — AARC General Meeting, 5 April 2016

Start: 7:00 pm

Attendance: 56

Visitors: Two visitors tonight. Welcome!

New hams: Three new hams – congratulations!

New members: Jim Shaffer KE5AL

Upgrades: none

Call sign changes: none

Approval of minutes: Minutes of the March meeting were approved as distributed in the AARCover.

Announcements:

Events:

- May meeting: Presentation by Dana Whitlow K8YUM who is stationed at Aricebo. Meeting will be at ARL at 7:00 with a quick business meeting beforehand.
- See SwapNet newsletter for coming events.

Officer and committee reports:

- Jay Hoffman, KA5OST, treasurer: no report (not present tonight)
- Don Dudley, AC5YK, president: We are currently working on securing ARL as a permanent meeting venue. Stay tuned....
- Angie Steelman, KF5ZXI, secretary: We had 53 sign in for March. Please sign in!
- Lew Thompson, W5IFQ, vicepresident: no report (not present tonight)
- Michael Skurka, K5MSK, newsletter editor: I am wide open to suggestions. Send articles, ideas for articles, comments, etc. to editor@austinhams.org
- Stuart Rohre, K5KVH, technical committee: A repeater report was submitted via the website: not a club repeater but used for ARES. Incident on ARES net Sunday night; station was running 5 watts. This repeater is duplicated elsewhere in TX with same access tone; until that is resolved simply run more than 5 watts. Club station: Bob Morgan has been doing tower climbing on W5KA station. Mast is installed, rotor is active. Took apart the 3 element beam which exceeded wind rating, now there is a 2 element beam and it will have to do. Reduced the overall weight by probably 1/3.
- Mark Esslinger, ARES: Saturday April 23: Army MARS and most of ARES in TX will activate for spring Simulated Emergency Test starting around 9 am.
- BBHN: (Joe Fisher) BBHN is use of WiFi modified to operate in 2.4 GHz (mostly) and 5.8 GHz, soon
- on 900 MHz. Meeting is on second Wednesday at 7:00 at CATRAC facility; talk in on 146.94.

Space weather presented by Jeff Schmidt

Meeting adjourned at: 7:37 pm.

Presentation by Tom Whiteside, N5TW, regarding antennas and lightning.

AARC Meeting Info.

Baby A's near the Arboretum
9505-B Stonelake Blvd.
(Come early and have dinner!)

Business Meeting 7:00 pm

May 3 — Field Day, Joe Ham, N5TW

Officers Meeting

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

2016 Calendar of Events

May 7-8 / Austin Mini Maker Faire

Palmer Event Center
AARC will again have a booth!
Contact Jeff N5MNV@ARRL.NET

May 7 / New Orleans Ham Radio & Computer Flea Market

LakeVista Methodist Church Fellowship Hall
6645 Spanish Fort Blvd., New Orleans La.
Talk in will be 146.82/147.105 repeater PL Tone 114.8 hertz.
For more information contact Steve at n5wxc@hotmail.com
More info on Page 6.

May 20-22 / Dayton Hamvention

Hara Arena and Exposition Center, 1001 Shiloh Springs Road, Trotwood, Ohio
<http://hamvention.org/>

May 22 / WCARC Spring Picnic

San Gabriel Park Arbors 4p-evening
Bring a side dish
<http://www.wcarc.com/>

June 10-11 / HamCom West Gulf Division Convention

Irving Convention Center at Las Colinas
Attending ARRL Delta Division Director, David Norris K5UZ will attend. (K5UZ was co-host for the ARRL Regional Centennial Convention in 2014)
New ARRL President, Rick Roderick K5UR and new ARRL CEO, Tom Gallagher NY2RF. Tom replaces the retiring Dave Sumner K1ZZ as ARRL CEO on April 18, 2016.
Sponsor: North Texas Area Clubs
<http://www.hamcom.org/>
<http://www.hamcom.org/attending-info.cfm>

2016 Upcoming Amateur Exams

ARRL VEC - May 7th & June 4

9a.m. at Bethany United Methodist Church.
Contact Joe Makeever, W5HS (345-0800) or Joe Thiel, N5SMN (832-0450) for info. \$15 fee.

W5YI VEC - May 21st & June 18

2p.m. in room 207, Fleck Hall, St. Edwards Univ. Contact Craig Bean, AC5KW@arrl.net, (474-6443) for more info.

<http://texashams.org/w5yi-austin/>

Upcoming Meetings...

May	June	Austin Meetings/Happenings	Time	Address
3	7	AARC Meeting Baby A's	7:00 p.m.	9505 Stonelake Blvd.
24	28	Travis County A.R.E.S. Pickle Research Ctr	7:00 p.m.	10000 Burnet Rd.
26	23	CERT Meeting, CTECC	6:30 p.m.	5010 Old Manor Rd.
23	27	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