

AARC COVER

**Keeping Austin Wireless
for Over 94 Years!**

Bulletin of Austin Amateur Radio Clubs

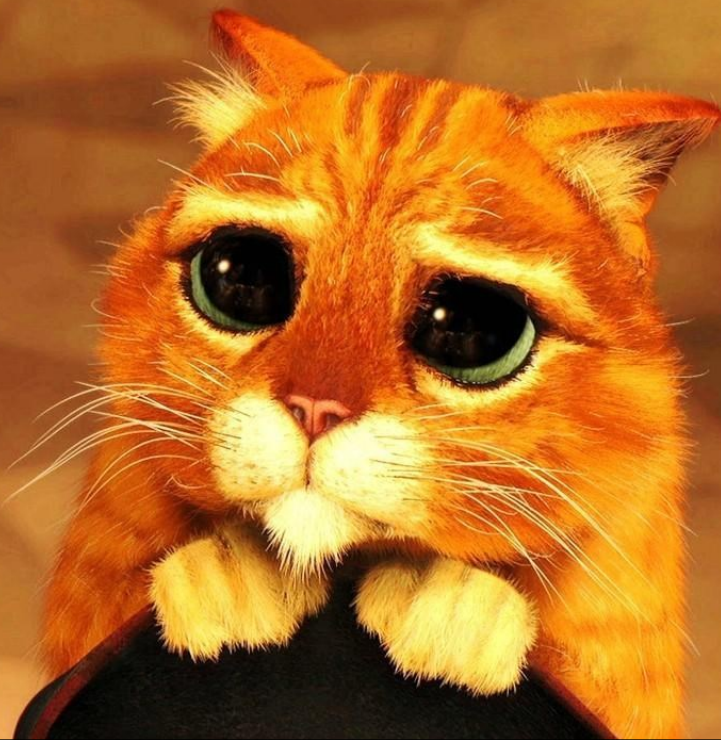
ISSN 1067-0262

September 2015

Issue 9-2015

Please submit
articles for
the newsletter.

Pretty Please.



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 -
Sun	(After Swapnet)	Newsline	146.94 MHz -
Mon.	7:30 p.m.	STX ARES Net	3.873 MHz
Tues.	7:30 p.m.	Hays ARES net	147.100 +
Tues.	8:00 p.m.	Bastrop ARES Net	443.750 + (114.8)
Wed	11:30 a.m.	Ham Social Luncheon, Jim's	146.94 MHz -
Thu	9:00 p.m.	2m SSB Net	144.250 (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
Daily	6:30 p.m.	Central Texas Traffic Net	147.14MHz+

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Ham Radio Exams Results

The following are the results of the ARRL VE Test Session held on August 8th at AUSTIN SUMMERFEST 2015:

Technician Class Licenses Processed

ANON KG5IYT	Joshua T. Bronson KG5IZA	Joshua S. Butts KG5IZC	Jacob M. Fagg KG5IYW
Jonathan D. Good KG5IYQ	Thomas E. Hanson KG5IZD	Martin L. Hays KG5IYX	
ANON KG5IYS	Timothy J. Looney KG5IYV	ANON KG5IYR	Daniel C. McCracken KG5IYN
ANON KG5IYO	Gregory W. Miller KG5IZB	Christanya N. Nold KG5IYZ	
Milton S. Powell KG5IYU		Matthew R. Tatum KG5IYP	Matthew S. Tyrney KG5IYM

General Class Licenses Processed

Sammy L. Arnold KB5ALE	Sean B. Davis KC5JJK	Steven M. Drabant KG5DKS	William A. Ducat KG5IAK
Robert J. Polizzi KG5DLB	Matthew R. Robb KG5DKV		Mark W. Wenning KG5IYY

Extra Class Licenses Processed

Kyle T. DeHaas KD5EUO	Richard J. Fellingner, Jr. WA5RF	ANON WA6KGI
Richard A. Hendricks, Jr. N(0)VKU	Luc W. Van Braekel K5LVB	ANON W5MJW

Examiners Participating in this Test Session

Dave Anderton AE5XY	Joe Bryan K5BRY	Scott Bryan W5TS	Russ Cook KK5E
Mark Esslinger W5MAE	Larry Gunter WB5BEK	Gene Hinkle K5PA	Mark Hunt AF5TW
Ted Iglehart KF5END	Joe Makeever W5HS	Roy Walker WA5YZD	

Next ARRL VE Test Sessions

September 5th - Bethany United Methodist Church, Disciple Bldg. Room 203/204

October 10th - Bethany United Methodist Church, Disciple Bldg. Room 203/204

TNX ES 73 DE W5HS

Joe

8-15-15

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

General Class

Jason Dale (NEW)	Gregory Miller (NEW)
------------------	----------------------

Technician Class (NEW)

Larry Atwell	Thomas Snyder
Thomas Rayas	Jarred Ferguson
Shane Mate	Matthew Schultz
Adam Zacharski	

Our administering volunteer examiners were:

Craig Bean, AC5KW	Gary Popp, AE5JR
Ted Iglehart KF5END	Gregory Dew AF5ZB
Bill Duke AF5JD	

Our next two amateur radio exam sessions will start at
2 PM on September 19th and October 16th 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 hamradioexams@hotmail.com or visit our web page at
<http://texashams.org/w5yi-austin/>

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

President	Lori Schmidt	KM5MQ	512-632-6789	president@austinhams.org
Vice President	William Moyes	KC6ARO		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			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	Yes	General
146.940 107.2 PL Tone	No	Most popular, WX, Swapnet & Newsline
224.800	No	
444.100	No	
440.650 +5	No	70cm D-Star Repeater [W5KA B]
146.780/ -600kHz	No	2m D-Star Repeater [W5KA C]
1293.200/-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. To use the autopatch, announce your call sign, press * and dial the phone number then release the PTT. When finished, press # to hang up the phone. Dial 911 (no * needed) for emergency services.

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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:

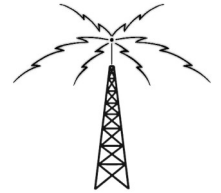
See Jay Hoffman, KA5OST

[ka5ost @ arri.net](mailto:ka5ost@arri.net)

Jay handles all changes for membership information .



Over the WWWWaves...



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)

This article is a repeat of an earlier article by George Dowell, K0FF, on the eHam site. It gets the juices flowing again for home construction by going through the history of construction of home projects, beginning with the tube era to the present. Then he shows us how he is currently doing his quick boards for home construction that don't really need any etching, plating or expensive tools.

If construction might be in your future, check out this article. If it once was, you might read it simply for nostalgia sake and to see what might be possible if you got the itch once again.

<http://www.eham.net/articles/23020>

Forwarded By Rick Herndon, K5FNI

Puzzled about what kind of capacitor to use to bypass RF? What about building an antenna tuner for 160m and up? What large capacitors are able to take the DC and RF voltage and current in that case?

This link is a short paper which explains many of the considerations in RF rated capacitors:

<http://www.qsl.net/i0jx/capacit.html>

This may save your homebuilt tuner from premature failure.

Forwarded by Stuart Rohre, K5KVH

This information is for servicing ancient tube receivers, so anyone not having to do that, skip this piece. The two devices in the link will help you service radios with electromagnet speakers. Those are NOT at all common after the 1940's, so don't rush into building these unless you work on that era radios.

<http://plymouthcolony.net/starcity/radios/pages/unispkr.html>

Forwarded By Rick Herndon, K5FNI

AWESOME LINK OF THE MONTH!!!

Seawater Antenna

<http://www.youtube.com/watch?v=9tlZUhu21sQ>

SPAWAR Systems Center Pacific has developed a technology that uses the magnetic induction properties of sodium chloride (salt) in sea water to create UHF/VHF/HF antenna.

Forwarded by Rick Herndon, K5FNI

Austin Amateur Radio Club General Meeting

August 4, 2015

Start time: 7:03

Attendance: 50

Birthdays: 4 birthdays this month. Happy Birthday!

Visitors in attendance: Brian Kent, no call yet, Paul Woodruff, KI5JT, Blake Ormand, KG5INK

William Hubbs, KC5EIV, Carlos Santiago, KF5LJM

New hams: none

New members: Jon Taute, WB0MKN, Sheldon Phelps, no call yet

Upgrades: none

Call sign changes: none

Approval of minutes: approved as written in the newsletter

Announcements

Past events: none

Upcoming events:

Aug 2-Oct 18: CW code course, Williamson County Jester Annex, contact Bill Sepulveda, K5LN, for information.

Aug 7-8: Austin Summerfest, www.austinsummerfest.org. Jerry Wines is looking for volunteers to work at the registration desk. Need help on Saturday morning starting at 9 am. Lori Schmidt, KM5MQ, is looking for help at the club table. Please park in the overflow parking. Dallas Mellichamp, KD4HNX, is coordinating talk-in volunteers, contact him at mylastname@yahoo.com if you are interested in helping.

General announcements:

2015 dues are due, see Jay Hoffman, KA5OST, or Lori Schmidt, KM5MQ

T-shirts are available, see Lori Schmidt if interested

Contact Kerby Spruiell, KG5DLD, at kg5dld@arrl.net if interested in participating in a weather net.

Officer reports

president: none

vice-president: none

treasurer: none

secretary: none

Other reports

newsletter: Mitch isn't here. Please send articles!

technical: Stuart Rohre, K5KVH - Any repeater malfunction reports? We've recently moved the antenna for the 94, repeater and we're trying to evaluate the coverage. Any info is appreciated.

Field day summary provided by Stuart Rohre, K5KVH. See newsletter for details.

ARES: Joe Canfield, N5HPC: Nov 10 at 1300 will be a major hospital drill; they're including ARES in some of the planning. We can use all of the volunteers we can get. You can contact me at n5hpc@arrl.net

BBHN: Friday night at Summerfest will be a demonstration that starts at 7:00 pm. We will run through some demonstrations then answer questions. There will also be some informational sessions on Saturday.

AARC ladies: Lori: Thanks for helping at Field Day.

Old business none

New business none

Ham of the month Membership choice: Jeff has a mike and Lori's looking for nominations. We have two nominations for Mary Steelman, KG5EXJ. Mary gets it for all of the hard work she does. Good job!

Door prizes Yaesu cap: 34, Adrienne Young, KG5CIL, phone quick charger: 10: Kerby Spruiell, KG5DLD

Space weather presented by Lew Thompson, W5IFQ

Meeting adjourned 8:03 pm

Presentation William Moyes, KC6ARO, thermal imaging.

The Austin Amateur Radio Club, Inc.

Membership Form - DATE _____

Application for: (check applicable box and enclose payment)
 AARC Individual \$20
 Family (all with same mailing address) \$30
 Student rate (thru 12th grade, no mail) \$ 5
 ARRL Individual ARRL (new or renewal) \$39
 Senior ARRL (new or renewal) \$36
 Family member ARRL (at same address) - \$8ea x _____ =
 First time ARRL discount -\$15
 TEXAS HAMPAC (Political Action Committee (\$10 Max)) \$ _____
 Total Enclosed _____

Mail this form with payment to:
 AARC - P O Box 4739 - Austin, TX 78765-4739

Check One: New member Renew membership Update Info
 ARRL member **Y N** License class **E A G T+ T N** Year first licensed _____
 Call sign _____ First Name _____ Last Name _____
 Mail Address _____
 City/St/Zip _____
 Hm Ph _____ Cel Ph _____ Wk Ph _____
 Pager # _____ e-mail _____

Please list additional family members here and check the family member box above.
 2nd Call _____ Name _____ ARRL mem **Y N**
 3rd Call _____ Name _____ ARRL mem **Y N**
 4th Call _____ Name _____ ARRL mem **Y N**

I/WE have interest in the following:
 Monthly meetings Field Day Working Events Transmitter Hunts
 Talking on 2 mtrs DXing Newsletter Holding Office
 Presenting programs CW Net Control Emergency Comm's
 Holding ARRL office Education Public Awareness Working w/Youth
 Others _____

Rcvd ____ / ____ / ____ Amt \$ ____ Ck ____ Cash ____ Dep ____ Post ____
 (for office use only)

JMH 20150207



The national association for
ARRL
 AMATEUR RADIO®

Membership Application

New Renew Previous Member Unlicensed
 Name _____ Call Sign _____
 Address _____
 City _____ State _____ ZIP _____
 Email _____
 Date of Birth ____ / ____ / ____ Phone _____
 My Family Member is Joining or Renewing:
 Name _____ Call Sign _____
 Name _____ Call Sign _____
 Please Note My New Address!

Your Annual Membership Dues - Circle Your Choice/s.

	1 Year	2 Years	3 Years	
Regular	\$39	\$76	\$111	Monthly QST via standard mail for US members
Canada	\$49	\$93	\$132	Monthly QST via standard mail for Canadian members
Intl QST	\$62	\$118	\$167	Monthly QST via air mail for international members
Intl CD	\$39	\$76	\$111	Annual CD-ROM (QST, NCJ and QEX) for international members
Blind	\$8	\$16	\$24	No QST delivery, all other member benefits apply
Family	\$8	\$16	\$24	Reside at the same address as the primary member, no additional QST. Membership dates must correspond with primary member.

If you are 21 or younger a special rate may apply. Contact ARRL for more details. Additional membership options available online at www.arrl.org/join.

\$ _____ TOTAL

US Memberships include \$15 per year for subscription to QST. Dues are subject to change without notice and are non-refundable.

If you do not wish your name and address made available for non-ARRL related mailings, please check this box

Charge to: Visa MasterCard Amex Discover Check Enclosed

Card Number _____

Expiration Date _____

Cardholder's Signature _____

Toll free (US) 1-888-277-5289 or 860-594-0200 ■ Online www.arrl.org/join
 ARRL ■ 225 Main Street ■ Newington, CT 06111-1494 ■ USA

-----> The Austin Amateur Radio Club, Inc. <-----
www.austinhams.org
 PO Box 4739, Austin, TX 78765-4739

Club Dues for 2016 can now be paid!

2016 is approaching and you might as well get a jump on things by paying your dues for the 2016 year.

Besides the admiration of your friends, you also get guilt free use of all club repeaters, access to club equipment, online help through the use of the Austin Hams Yahoo group and much more! Be the first on your block to be a renewing member in 2015!

You can pay online at- <http://www.austinhams.org/join.htm>

Just fill out the .pdf form and mail to:

The Austin Amateur Radio Club
PO Box 4739
Austin, TX 78765-4739

Congratulations!

It is with the greatest pleasure that I congratulate 21 students who put up with me and my antics, and persevered for 6 Monday evenings to attend the ARRL EC-001 "Introduction To Emergency Communications" class at the Jester Annex in Round Rock, TX.

We started with 23 students 6 weeks ago.

One had previously passed the course and was coming to class as a refresher, and one moved to Corpus Christi during the class. This resulted in 21 finishing the course, and which I am extremely proud to say that ALL have passed the final exam tonight!

They all did a great job and I commend each and every one of them.

They are (in no specific order):

Rochelle Kinter KA5HHZ,
Leonor White KF5Y TZ
Rob Porter K5FAR
Bob Whitman KE5SEF
Jim Peisker AF5NP
John Peek KF5ZMD
Kerby Spruiell KG5DLD

Mary Duval KF5MFN
Jonathan Estill AF5DF
Terry Jones K5LGV
Mark Crawford N4MAC
Susan Peisker KF5ZFD
Robert Peek KF5ZMC
James Palmer KF5SQH

Coster Archibald N5CWA
Doug Dukes KG5DEZ
Colin Wright KG5EXR
Paul Lennous AF5NI
Bob Hannaberry K5RTH
Bernie Davies KC5LGS
Gaye Bailey KF5PWN

I also wish to thank tonight's Field Examiners for volunteering their time on a Monday night to assist in the process:

James Russell NQ5L VE/FE Liaison
Kenneth Malgren K7MAL WC ARES EC
Mark Esslinger W5MAE TC ARES EC

73

Jim Kinter, Jr. K5KTF

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

Business Meeting 7:00 pm

September 1st—TBD (Tune in to the on air swapnet for latest on meeting topics)

Officers Meeting

Officers meet via Skype and meetings are open to club members. Contact an officer for more information.

2015 Upcoming Amateur Exams

ARRL VEC— Sept 5th & Oct 10th(due to Belton)
 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- September 19th & October 17th
 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/>

2015 Calendar of Events

Sept 12-13 Austin Tour De Cure

Bikeride Freescale Oak Hill to Fredericksburg & back. Two-Day ride Starting at Freescale Oak Hill to Fredericksburg on Saturday and back on Sunday. One-Day Rides Sunday only - start/finish at Freescale Oak Hill
 Routes ranging from 10, 20, 35, 50 miles.
 Jeff N5MNW will be organizing the Ham Radio volunteers and will
 Need a few hams at each of the rest stops, Net Control, Fredericksburg
 Possibly some mobile Hams assisting the SAG effort.
 Email N5MNW@arrl.net to reserve a position.

Oct 2-3 Belton Hamfest

Admission \$5 (Includes a \$2 Raffle Ticket)
 Talk-in 146.82(-)PL 123.0
www.tarc.org/hamexpo/ www.beltonhamexpo.org/

Oct 18 WCARC Sunday fall picnic

San Gabriel Park in Georgetown

Oct 31 South Texas Hamfest

Aransas Pass Civic Center- 700 West Wheeler Ave, Aransas Pass, Texas 78335
 Pre-Registration now open with lower entry fee and extra door prize tickets for 2015
 Exclusive Grand Prize Drawing for Pre-Registrants
 2014 Tables sold out before opening day. Get yours now.
<http://www.southtexashamfest.org/>

Upcoming Meetings...

Sept	Oct	Austin Meetings/Happenings	Time	Address
1	6	AARC Meeting Waterloo Ice House	7:00 p.m.	8600 Burnet Rd.
23	28	Digital Wednesday at CATRAC	7:00 p.m.	4100 Ed Bluestein Blvd.
26	24	Travis Co. REACT Jim's 183 & Burnet	7:30 p.m.	9091 Research Blvd.
22	26	Travis County A.R.E.S. Pickle Research Ctr	7:00 p.m.	10000 Burnet Rd.
24	22	CERT Meeting, CTECC	6:30 p.m.	5010 Old Manor Rd.
22	26	CTDXCC Meeting Old Quarry Library	6:30 p.m.	7051 Village Ctr Dr.

New Meeting Location for TCARES

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