

# AARCOVER

## Bulletin of Austin Amateur Radio Clubs

Austin Amateur Radio Club

Austin Amateur Television Club

Austin Repeater Organization

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July 2005

Issue 7-2005

### Is It Safe to "Push to Talk"?

Forwarded by Stuart Rhore, K5KVH

Recently, Nextel agreed to an FCC plan to move their cell phone frequencies to avoid interfering with Trunked Public Safety radios in the 800 MHz band.

For this, Nextel is getting a bargain on 1.9 GHz cell spectrum. Another cell company protested but they now have compromised, and Nextel has given up its claim of trademark to the term "PTT, Push to Talk". Of course, hams knew they had a specious claim anyway, since hams have used PTT and Push to Talk for 60 years or more.

#### Here is part of the story:

"Nextel will gain valuable new spectrum in the 1.9-gigahertz range, where other major wireless carriers operate. The FCC valued the new spectrum at about \$4.8 billion. Nextel must pay that amount but will get a \$2 billion credit from the FCC for the spectrum it is returning.

Nextel is paying for technical costs associated with relocating public safety groups and clearing the airwaves in the 800 band, and will also get a credit for those costs, which past estimates have placed at \$1.3 billion.

Rival cell phone company Verizon Wireless had protested the FCC plan, saying it amounts to a taxpayer giveaway to Nextel. Verizon wanted the 1.9-GHz spectrum to be publicly auctioned and has said it would be willing to pay \$5 billion. But the two companies in November reached a legal settlement in which Verizon Wireless dropped its opposition. In return, Nextel withdrew its claim of trademark rights for the phrase "Push To Talk" and the word "push" to describe the popular walkie-talkie service that Nextel introduced to cell phones and which Verizon and other rivals now offer. "

-from Fire Engineering Magazine.

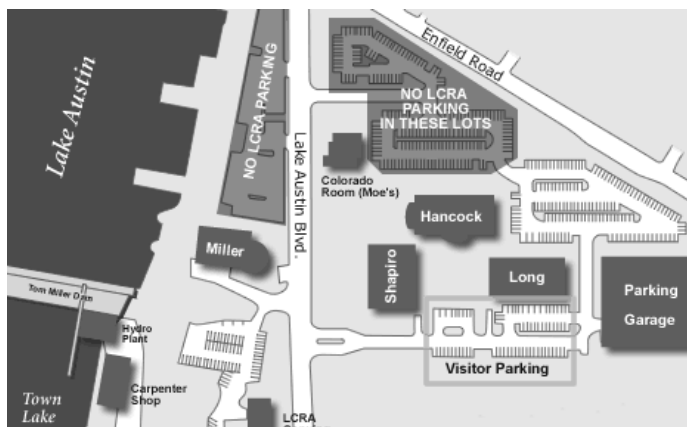
### Periodic Events

Sun	7:30 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	145.13 MHz -
Sun	9:00 p.m.	ARO Swapnet	146.94 MHz -
Sun	(After Swapnet)	Newsline	146.94 MHz -
Mon	6:45 p.m.	Hays ARES net	147.10 MHz -
Wed	8:00 p.m.	Code Practice	146.94 MHz -
Wed	11:30 a.m.-1p.m.	Ham Social Luncheon, Jim's at 183 & Burnet Rd.	837-1119
Thu	11:30 a.m. - 12:30p.m.	Lunch, Waterloo Ice House	444.1 MHz+
Sat	7:00 - 8:30a.m.	Breakfast, Waterloo Ice House, 8600 Burnet	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+

## AARC-Sponsored ARRL/VEC Testing Moves to New Location

Our testing site for the ARRL/VEC Amateur Radio Examinations will move to the Lower Colorado River Authority (LCRA) building complex at 3700 Lake Austin Boulevard here in Austin. To get to the location, the most straightforward approach is to take the Enfield Road Exit from MoPac Expressway (AKA Loop 1) and go west on Enfield Road for 1.3 miles to the T-Junction with Lake Austin Boulevard/Scenic Drive. Turn left onto Lake Austin Boulevard and turn left again at the second driveway on the left-hand side of the road. This driveway is easily recognized by a low limestone wall running up the center of the driveway with the LCRA Logo at the top and the numerals 3700 underneath the logo out at the street-end of the wall. The logo and numerals can also be seen from the other side of the wall if you choose to come up Lake Austin Boulevard from the south rather than from Enfield Road.

This is the main driveway to the LCRA building complex of the Harry Shapiro Building, the Hancock Building and the Long Building. As you go up the driveway, there is visitor parking along the road and in front of the Hancock Building and a bigger space in front of the Long Building at the top of the driveway. Take any of the visitor parking spaces.



Entrance for our purposes will be up the main sidewalk leading to the middle building, the Hancock Building. As you go up this sidewalk, there is a branch to the left and a sign pointing to the Harry Shapiro Building. Take that branch sidewalk to the front entrance of the Harry Shapiro Building. Our testing will take place in Room S433. Come in the main entrance and take the elevator to the fourth floor and follow the signs to the amateur radio examinations.

Our July 9th and September 10th exams will be in Room S433 of the Harry Shapiro Building and our October 8th, November 5th and December 3rd exams will be held in the Colorado Room behind the Harry Shapiro Building on the north side and accessible by a sidewalk running off to the

*(Continued on page 4)*

## Ham Radio Volunteer Exam Results

**ARRL VEC** – The following are the results of the ARRL VE test session held at Murchison Middle School on June 4th, 2005:

### Technician Class Licenses Processed

Jonathan L. Bowerman	Joseph S. Cortinez
Tim J. McNamara, Jr.	Sherland C. Priest
William P. Robertson	Michael A. Rocha
Walter E. Stoker	Kevin T. Thomas
Ted Thompson	David Wetterau
Stephen L. Wetterau	

### Extra Class License Processed

Shawn R. Wolff, KD5EUM

### Examiners Participating in this Test Session

Milt Cram, W8NUE	Larry Gunter, WB5BEK
Joe Makeever, W5HS	Ron Parsons, W5RKN
John Stott, AC5ZT	Joe Thiel, N5SMN
Roy Walker, WA5YZD	

### Next Two ARRL/VE Test Sessions

July 9th - **LCRA Complex (New Location, See Article)**

August 6th - Red Lion Hotel (Austin Summerfest)

TNX ES 73 DE W5HS

Joe

**W5YI-VEC** - The South Austin W5YI VE team heartily congratulates all of the following people who earned new or upgraded amateur radio licenses at our June 18<sup>th</sup> session:

### Extra Class –

David A. Whittle, W5DAW                      Darrel C. Scott, W5DCS

### General Class –

William P. Robertson, KE5FBK

### Technician Class -none-

Adam D. Buck	Debra A. Buck
Terry A. Settergren	David G. Smith, Jr.

Our volunteer examiner were:

Chris Crane, K5CLC	Jim Greenwood, AB5EK
John Fisher, K5JHF	Jimmy Mercer, N5WDH
Lloyd Goehring, N5TO	Thomas Visel, NX1N

Our next two sessions: July 16<sup>th</sup> and August 20<sup>th</sup> 2005 at 2 PM in room 109 of Fleck Hall on the campus of St. Edward's University. Information contact: Jim, AB5EK at 327-6184 or by e-mail at hamradioexams@hotmail.com Our web page: <http://texashams.org/w5yi-austin/>

**Exam fee is \$14.00**

**Please bring two forms of identification plus your social security number.**

**Sessions are accessible to handicapped applicants.**

**No pre-registration is required.**

**Walk-ins are welcomed.**

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

President	John Suchyta	KG5O	261-4931	kg5o@arrl.net
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ARRL Travis Co. Emer. Coord.	Don Dudley	AC5YK	301-8745	ac5yk@yahoo.com
ARRL Public Information Officer	Roger Wines	W5WIA	453-2193	w5wia@arrl.net

Please contact a club officer, attend a meeting, or mail us to join the organization.

**The Austin Amateur Radio Club, Inc.** has a membership dues of \$20.00/calendar year (\$30.00 family to the same address)  
**The Austin Amateur Radio Club, Inc.** AARC maintains the following repeaters. An open autopatch and emergency power on 146.78 MHz and an emergency HF/VHF station at the American Red Cross building. Persons residing or working within the coverage area are expected to join the club, if they use the autopatch. Non-residents on short visits are welcome to use this autopatch. 146.88MHz (-600) with autopatch; 146.94 MHz (-600) used for Weather Net when called, and Travis County ARES. It is also used for Swapnet and Newline @ 9p.m. Sunday; 224.80 MHz (-1.600); 444.10 MHz (+5); & 145.01 <MHz packet NetROM node (KB5PM-1 or alias AUS). Persons residing or working within the coverage area are expected to join the club, if they use the autopatch. Non-residents on short visits are welcome to use this autopatch. **The 146.78 and 146.88 repeaters have open autopatches.** Please transmit your call **before** sing the phone patch. Press \* and dial the phone number to place a call. Do not unkey after the \*. When finished, press # to hang up the phone. Dial 911 (no \* needed) for emergency services.

#### AARCOVER Information

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Viewpoints expressed in the AARCOVER do not necessarily reflect those of any club, or of its members, directors, or officers.

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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 15th of the month.**

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***Thanks to Jerry Jackson, N5UJ, who mails the AARCOVER each month!***

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

**See Jerry Jackson, N5UJ (512) 832-5663 jerry@gaj.com**

**Jerry handles all changes for AARCOVER mailing labels & membership information & roster questions.**

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**Over the WWWaves...** A Collection of Various Websites sent in by members.

**<http://www.wlanparts.com/>**

This looks like a good source for Wi-Fi Parts (Rick Herndon, K5FNI)

**<http://www.ofcom.org.uk/research/technology/cet/powerline/>**

Pete Jordahl K5GM found these technical reports on BPL that were recently done in England. All the systems were found to significantly exceed emission limits for the US and Germany. That's my interpretation of the findings. K5GP, Gene

**<http://ve3hls.tripod.com/noise/rfihome.html>**

The RF Noise Identification Website-Identify the RFI that interferes with your reception (Pete Jordahl, KG5M)

(Continued from page 2) ARRL VE Exams Moved

right-hand side of the main entrance to the building. For old Austinites, this building is the old Lakeview Café and it now has a meeting room addition on the north side just about doubling the original size of the café.

There are parking facilities for the handicapped in front of the Hancock Building and a ramp access sidewalk to the left of the main walkway that goes along the side of the Shapiro building to its main entrance.

ARRL/VEC testing for August will be held at the AUSTIN SUMMERFEST Convention on Saturday, August 6th at 1230 in the Butch Cassidy and Sundance Rooms of the Red Lion Hotel. Contact Larry Gunter, WB5BEK at 345-7281 or E-Mail him at [wb5bek@arrl.net](mailto:wb5bek@arrl.net) if you have further questions about that session. Also check <http://www.austinsummerfest.org> for details of the documentation that you need to bring to the test sessions. These details apply to all ARRL/VEC test sessions, not just the one at the convention.

There are some nice coffee houses and restaurants just across the street from these LCRA buildings where your loved ones can while away the time while you toil over the exams. If you have questions about our need to move to a new location, you can call me at 345-0800 and I will try to satisfy your curiosity.

73 DE W5HS  
Joe Makeever

## President Writes About Field Day

From the White House  
Washington  
June 16, 2005

"I send greetings to those celebrating the annual Field Day for Amateur Radio, hosted by the American Radio Relay League.

"Across our country, radio plays a vital role in relaying important information to the public and emergency service personnel in times of need. By providing emergency communications at the Federal, State, and local level, licensed amateur radio operators help first responders and law enforcement officials save lives and make our country safer. Your efforts help ensure the right assistance gets to the right people at the right time.

"I appreciate all ham operators who give their time and energy to help make our citizens more secure. Your good work reflects the spirit of America and contributes to a culture of responsibility and citizenship that strengthens our Nation.

"Laura and I send our best wishes."

(Signed)  
George Bush

## The QCWA QSO

Keith Zimmermann, K5WX



One facet of emergency communications is related to severe weather events. There is an interesting movie that provides some fairly dramatic film of tornadoes. The movie, "Forces of Nature" is currently showing at the IMAX theatre at the Bob Bullock Texas State History Museum.

Austin has one IMAX theatre. IMAX is considered the "world's biggest film format" and can provide a stunning movie experience. IMAX theatres feature a giant, flat screen and seating that is steeply pitched between 19 and 25 degrees. This allows everyone to see the entire screen without anyone else getting in their way. I had never been to an IMAX theatre and was fairly impressed with it.

The film, "Forces of Nature", covers tornadoes, earthquakes, and volcanoes. It is a relatively short film – only 40 minutes long. The cost is \$7 for adults and \$6 for seniors and military personnel. It will be showing through July 30th at the Texas State History Museum. I wish the tornado sequence was longer, but it was still fairly good. If you've never been to an IMAX film before then you might want to consider trying it out with this film.

The Austin Chapter of the Quarter Century Wireless Association is interested passing along the old skill of Morse code communications by helping people learn and practice and improve their Morse code skills. We continue to send code practice every Wednesday night at 8:00 PM on the 146.94 MHz repeater. You can check your copy at [www.qcwa.net](http://www.qcwa.net). Bil, WB5SYS, starts the code speed at 3 words per minute and progresses to 10 words per minute (and sometimes faster).

The July meeting will start at 2 PM on Saturday, July 16th at Denny's at 7820 Burnet Road. This Denny's location is on Burnet Road between Anderson Lane and Northcross Drive. Some folks arrive at 1 PM for lunch. All are welcome!

Always check the QCWA Chapter 67 web site at [www.qcwa.net](http://www.qcwa.net) for meeting location and times. Remember, you don't have to be a member to attend. This is a great opportunity for folks to come together. There is also an Austin QCWA e-mail reflector at Yahoo Groups under AQCWA. Or, just call Keith, K5WX, at 258-7169 or e-mail to [K5WX@QCWA.net](mailto:K5WX@QCWA.net) if you have questions.

## Where are the Kids?

In reply to a query from Jim Musgrove:

Jim,  
MAYBE kids are the same, but they surely have many other activities competing with ham radio. Not all are physics oriented. When we came into ham radio in the 1950's; for many of us, there were no soccer teams for kids. There was no martial arts classes. There were and are Scouts, and other groups like them. There is now a Baptist substitute for Boy Scouts, Girl Scouts, Cub Scouts, Brownie Scouts, Boy and Girl Explorer Scouts, Campfire Girls, etc. etc. There are more Boys and Girls Clubs. Big Brothers, Big Sisters and their activities for kids. More single Moms unable to chaffer the kids as much as when Dad was the breadwinner.

Now you have electronic games, internet games, internet chat, internet study, crafts classes, regular sports from schools, band, orchestra, church, swimming, acrobatics especially for girls, tennis, etc. There is folk dancing, square dancing, ballroom dancing, modern dance, cheerleading squads and classes, (more than just the school cheerleaders), and many more activities. Some of these were around for high schoolers in the old days, but now they start them early in all the sports. Pop Warner Football, kid softball, Little League, other ball programs, volley ball, basketball teams, etc. etc. Many I have listed are either school connected, or done at home, at the computer, or in large groups. Ham radio is best mentored with one on a few students, so it takes more effort to mold a long term ham.

In our Novice Days, someone in the family took us to Novice Class, (I was 8th grade, no driver), and to ham club. When ham club meeting was over, we had to call a parent to pick us up. Not many kids in my school joined the Novice Class with my best friend and I. In fact, he got me into it, by taking me to meet his Elmer, who demo'd ham radio to us both. Kids today would still have to have a driver, or someone like the Elmer to get rides to ham class or events. Other activities like some churches, sponsor buses to pick up kids for their activities.

Now another thing, notice I said there are a lot more Activities for kids today. Organized active things involving exercise. Looking at us average hams today, most parents of kids would not see anything to encourage them that their kid would be in an Activity, as opposed to a sedentary pursuit leading to the usual ham syndrome. Now, I know most hams are not that active on the air that their plight comes from a sedentary nature of operating a radio; but it does not help with our Image that we are not by nature, big sports/ exercise participants, and have added pounds since the days we climbed towers for our Elmers.

The optimum age for catching a kid's attention seems to have been Jr. High in my time. That may have shifted earlier today, and although we have some new high school ham courses/ programs; what we need are more at elementary schools. Even the early grades find kids computer savvy, and able-- probably better, to program a HT than myself. By the time most of us think to support a program for kids, they are already in many of the activities listed above. We have lost them. I guess we need to develop programs from 5th grade or even 4th, when I remember my first science classes.

FM operation is so much like FRS or telephone that it does not awaken much spark in me, much less a newcomer. With prevalence of cell phones, the magic of repeaters is lost on today's kids. HF on the other hand, and instant gratification of hearing voices from DX, might catch their fancy. Even CW is said to appeal to the love of codes and doing something adults cannot follow in kids of age 9, 10 or so. I have not yet mentioned TV, There was no TV at home when I started to be a ham. There were only a couple of stations, and no cable. No TV movies save late night, and no educational or cartoon channels aimed at kids.

I still marvel at the magic of voices coming out of a box which pulls tiny signals from the air. That is coupled with the marvel of, that box was built with my own hands, and sometimes from my own plans. I think that might be the hook that we can offer kids. Building and operating simple DX radios. But that is going to take a Novice like HF entry, and willing Elmers to mentor the kids. I think also, that real ham education classes must be offered before the testing, not just memory sessions. Theory must be taught, projects built, experiments demo'd to a class. They must learn to solder in class, build something that works before they pass a license. THEN we might hold on to them, or at least give them some life skills they would come back to, perhaps at retirement.

And, we need to celebrate the longer lives of our generations. Seek out the retirees, and offer classes in parallel with school classes, to our Senior centers. Show them a useful volunteer role they can serve in emergency communications, and with their greater disposable income than kids, they will contribute to the ham economy which helps us all.

73,  
Stuart Rohre  
K5KVH

## AARC Meeting June 7th, 2005

The meeting was called to order by President John Suchyta, KG5O at 7:15 PM. Meeting was held at the ARL Labs, 10001 N. Burnet Road, Austin TX.

### Visitors, New Members and New Calls:

John Basilito W5GI, Danny Harrison WN5E, James Rudd W5SIO, Chris Crane K5CLC were in attendance at the meeting.

### Meeting Minutes:

The minutes from the May meeting, as published in the newsletter, were approved as printed. Motion to approve was made by Lew Thompson, W5IFQ and seconded by James Robbins, N5OUJ.

### Officer and Committee Reports:

**President:** No report.

**Vice President:** Jeff Schmidt, N5MNV reported on his negotiations with the VFW club #8787 on renting the facility for the Austin Radio Roundup in November. He reports that a figure of \$1200 for two days rental. The VFW is willing to provide refreshments during the fest. The Ladies Auxiliary regularly has a "steak night" dinner and this may be available for the Friday night banquet instead of catering out for BBQ. There is plenty of space for overnight RV parking and tailgating. Jeff will keep us apprised of the status of the negotiations.

**Treasury Report:** Jerry Jackson, N5UJ, reports that the current treasury balance is \$5981.47.

**Secretary:** Lee Cooper, W5LHC discussed the upcoming ARRL sponsored event called "Take your HT to work day". The concept is for all hams to wear their HT on the 21<sup>st</sup> of June to work in hopes of having folks ask them about it and ham radio. During lunch time that day there will be an opportunity to go out and make some contacts with your non-ham coworkers. Log and report the contacts to ARRL for possible prizes.

**Events:** Joe K5EJL reported on Field Day planning. FD will be at Anderson High this year and will be 2A Battery QRO. We plan on using the N3FJP logging software again this year. Joe has created an email reflector to ease communications on planning. The email group is Austin\_TX\_FD@yahoo.com . We will have a practice session at the Hands on Hamming meeting and a FD shake out along with the VHF contest at Anderson on the 11<sup>th</sup>. FD is the weekend of the 26<sup>th</sup> of June.

Joe discussed the goals set at the March meeting held at his house. These were 1) Get wireless network functioning this year, 2) Integrate radios into the N3FJP logging software. We are on track to meet both of those goals.

The Yahoo email group he created (see above) now has two databases on it. One is to sign up for and track individual assignments so everyone knows where we are on each. The second is an assignments database where you can sign up for slots to operate during FD.

**Programs:** No Report

**Finance:** No report. Club is seeking someone to chair this committee.

**Technical:** Stuart Rohre, K5KVH reports that CBS wants to charge AARC \$100 per month to have antennas on the

new tower shared with KVUE. KVUE does not want to do this but may not have any choice if CBS mandates it. KVUE has told us that the existing tower will still be in place for several more years and AARC is welcome to keep the .940 repeater on it as long as its there.

Stuart also reports that the band conditions for Field Day will be acceptable for most bands although not all will be optimal.

**Big Project:** Jerry Jackson, N5UJ talked about the Big Project seminars he attended at Ham Com in Arlington. He stated that a 7 year old girl and 8 year old girl had gotten their General and Extra tickets, respectively, while at HamCom.

**Membership:** No report. Lori Schmidt, KM5MQ is chairing this committee.

**Editor:** Mitch London, KD5HCV, asked that will all of the meeting changes going on that folks keep him notified so he can make sure the newsletter is accurate. He is always looking for articles, club reports, etc for the newsletter.

### Ham of the Month: Jim Greenwood, AB5EK

Nomination: I would like to nominate Jim Greenwood, AB5EK, to be the June Ham of the Month. Jim volunteered to fill in as backup net control for the Sunday night Swapnet while N5MNV was out of town in May. Since I could not reach the .94 repeater from my house as primary net control, Jim took over as NCS for both Sundays. Not only did he announce the net, he formatted the listings and email for posting. All I had to do was forward the email he had provided. He also did a good job with the net, cooperating with the San Antonio 94 group who were on stand by for a severe weather net. Thanks Jim! Submitted, John Suchyta K5GO

**Old Business:** None

**New Business:**

**Volunteer Activities** (See Swapnet for details):

### Announcements and Upcoming Meetings:

Red Cross will be having training on the 9<sup>th</sup> -11<sup>th</sup> of June for all interested please contact Stuart Rohre, K5KVH for details.

**Adjourn:** The meeting was adjourned at 8:05 PM

**Program:** The presentation High Performance Wire Antennas was presented by John Basilito W5GI. John gave a fascinating presentation on two antenna designs of his that appear to defy typical accepted wisdom in antenna design yet provide high performing HF antennas that do not require as much space as a typical HF antenna needed by a "typical" HF antenna. These antennas give the performance of 3 phased ½ wave antennas in the space of ¼ wave lengths. These designs have been published in CQ magazine and can be found on John's website www.w5gi.com.

Respectfully Submitted;

Lee Cooper, W5LHC

Forwarded by Staurt Rhore, K5KVH

For all Amateurs interested in radio history contacts with unusual stations...

## **QTC TRANSMISSIONS WITH THE OLD ALEXANDERSON ALTERNATOR ON 17.2 KHZ THIS SUMMER**

There will be transmissions both on Saturday July 2nd 2005 and on Sunday July 3rd 2005.

1. The transmission on July 2nd will be at 12:30 UTC when a new visiting centre will be inaugurated. The station will be open only to invited persons.

2. On Sunday July 3rd there will be the ordinary "Alexanderson Day" and the station will be open to public between 10:00 and 16:00 local time. Transmissions will take place at 08:15, 09:15, 12:15 and 13:15 UTC. Amateur radio will work on 14.035 kHz CW, 3.755 and 14.215 kHz SSB with the new call SK6SAQ

QSL-information to: [info@alexander.n.se](mailto:info@alexander.n.se)

For more information read: [www.alexander.n.se](http://www.alexander.n.se)

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The Alexanderson Alternators at Grimedon, Sweden are the last working examples of this historic form of radio transmitter that consisted of essentially a huge alternating-current generator connected to an proportionally huge antenna. As the message says, the Grimedon alternators operate at 17.2 kHz. That's a bit below the lowest tuning range the Elecraft rigs offer, but within the range of some general coverage Communications receivers out there. In any case, there's the opportunity for ham band contacts with the HF station on 80 CW and 20 meter CW and SSB.

More pictures of the generators and Grimedon antenna farm, information about Alexanderson and the history of these amazing transmitters are at:

[http://www.acmi.net.au/AIC/ALEXANDERSON\\_BIO.html](http://www.acmi.net.au/AIC/ALEXANDERSON_BIO.html)

Additional information about these alternators as they were employed by RCA in the USA is at:

<http://earlyradiohistory.us/1922RCA.htm>

The RCA machines were said to have developed 700 AMPS or RF into the antenna. Not exactly QRP.  
Ron AC7AC

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### **Have You Paid Your Dues for 2005?**

The AARC dues are still \$20 for a single and \$30 for family membership. Special student (high school and below) membership is available for \$5 per year. In addition to the usual cash and checks, you can now pay by PayPal. Simply use the form on the AustinHams.org web site (or, if none of your pertinent information has changed, just submit your check or PayPal payment. Note that the PayPal link is in the middle of the AustinHams.org home page under "Membership Dues for 2005 are due". AARC Treasurer Jerry Jackson, N5UJ, will gladly accept your form and/or payment.

## **Big News!**

Austin Summerfest is almost here, check out [www.austinsummerfest.org](http://www.austinsummerfest.org)

The Austin Radio Roundup location and date has been set! VFW Post 8787- North of Braker on IH35 North access Road on November 4th and 5th. Watch the AARCOVER and Austinhams website for the latest information!

### **AARC Meeting Info.**

#### **Business Meeting\*\*New Location!\*\***

**7:00 pm at ARL Labs**

**10000 Burnet Rd. (North of 183)**

**July 5th** Field Day debriefing (bring a drink and a few \$ for Pizza)

**7:00pm at ARL Labs**

**10000 Burnet Rd. (North of 183)**

**July 12th** Tektronix Real Time Spectrum Analyzer presentation- Bill Byrom N5BB (bring a drink and a few \$ for Pizza)

#### **Upcoming Amateur Exams**

**ARRL VEC-July 9th(Summerfest) & August 6th \*New Location\*9a.m. at LCRA Complex (See Page 2) 3700 Lake Austin Blvd. Contact Joe Makeever, W5HS (345-0800) or Joe Thiel, N5SMN (832-0450) for information. \$14 exam fee.**

**W5YI VEC- July 16th & August 20th**

2p.m. in room 109, Fleck Hall, St. Edwards University. Contact Jim Greenwood, AB5EK@arrl.net, (327-6184)  
<http://texasparadise.com/w5yi-austin> for more info.

#### **Missed an Issue???**

Text (only) & .pdf version of the current issue can be found on the Web <http://www.austinhams.org>

Join the Austin hams Yahoo Discussion Group, go to <http://groups.yahoo.com/group/austinhams/>  
We are now up to 58 members! It's free!

### **Calendar of Events**

**Jun 24-26 Field Day** Austin- Anderson High School  
Steck & Mesa K5EJL@arrl.net WWW.FieldDay05.Com

**Aug 5-6 Austin Summerfest Texas State Convention** Red Lion Hotel Joe W5HS@arrl.net  
512-345-0800 www.austinsummerfest.org/

**Oct 1 Belton Ham Expo** - Mike LeFan, WA5EQQ  
254-773-3590hamexpo@tarc.org www.tarc.org

**Oct 22 Brenham Swapmeet** 7AM-2PM- Washington Co. Fairgrounds w5aum@yahoo.com or ka5bkg@arrl.net

**Nov 4-5 Austin Radio Roundup** VFW Post 8787- N. Of Braker on IH35 North access Road

July	Aug	Austin Meetings/Happenings	
5	2	AARC Meeting ARL Auditorium	7:00p.m.
9	13	Austin QRP, Alvin's Sandwich Shop	11:00 a.m.
12	9	Hands on Hamming ARL Auditorium	7:00 p.m.
19	16	ATV ClubMtg. Chez Zee on Balcones*	7:00 p.m.
16	20	QCWA Denny's on Burnet Rd.	2:00p.m.
25	22	Travis Co. REACT Denny's on Burnet	7:00 p.m.
26	No	Travis County A.R.E.S., ARL Aud.	7:00 p.m.

\*ATV Club now meets at Chez Zee, 5406 Balcones Dr.  
Visitors are welcome whether they are licensed hams or not. Other meetings or activities are listed under the headings for Calendar and for Periodic Events.

Non-Profit Organization  
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ARCOVER  
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