

# AARC OVER

## Keeping Austin Wireless for Over 94 Years!

Bulletin of Austin Amateur Radio Clubs

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July 2014

Issue 7-2014

### Never Assume Anything (but alligator clip leads)?

by Joe Fisher, K5EJL  
ARRL Technical Specialist

In June I bemoaned the rotten manufacture of an audio cable, bought brand new, which consumed ~2 man-hours of resources, but did provide some expensive "education". Now it's the same with, of all things, clip leads!

Sometime last semester at LASA High School, K5LBJ, I discovered a set of "mini" clip leads the manufacture of which was just as rotten as the audio cable.

The insulation on the wire joining the two small alligator clips had been stripped, but instead of being soldered to the clip, the stranded conductor was merely folded back under the insulation and then crimped in the usual way. This actually worked, for a few years! Then, of course, the surface of the copper wire oxidized and contact became first erratic and then non-existent. That's absolutely intolerable in a test setup which is the whole purpose for the product!



*(Continued on page 4)*

### 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+
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

**Note:** This test session yielded twenty new licensees, all seventeen of Technician Class and three of the General Class licenses earned. A total of twenty-seven new licenses and license upgrades were processed. This has been the most productive ARRL/VEC test session in Austin outside of the AUSTIN SUMMERFEST test sessions in my memory. de W5HS

The following are the results of the ARRL VE Test Session held on June 7th at Bethany United Methodist Church:

## Technician Class Licenses Processed

Coster W. Archibald III KG5CPX	Nancy L. Carr KG5CPT	Amanda C. Gibson KG5CPZ
Steven J. Gibson KG5CPY	Collin W. Gonzalez KG5CPJ	Paul T. Gross KG5CPK
Timothy W. Hawkins KG5CPO	David H. Heineke KG5CPL	Michael T. Joseph KG5CPN
Jacob D. Lahmann KG5CPR	Joseph D. Lahmann KG5CPQ	Michael W. Manis KG5CPP
Marcia M. Nobrega KG5CPW	Joseph A. Plattsmier KG5CPM	Marshall E. Vogt KG5CPV
Robert S. Whatley KG5CPU	Hannah E. Williamson KG5CPS	

## General Class Licenses Processed

George A. Aguirre KF5VBS	Naeem Altaf KG5CQA	Brandon T. Bielstein KG5CDP
Jad L. Davis KG5CIA	Benjamin R. Dickey KG5CQB	Emily A. Estill KG5CQC
John H. Newberry, Sr. KB5TKG	Tam Thompson KB5GTK	Matthew W. Turner KM5JET

## Extra Class License Processed

Bill Corbett K9MIL

## Examiners Participating in this Test Session

Mark Esslinger W5MAE	Howard Glueck K5ZUA	Larry Gunter WB5BEK
Jack Hendrickson K5JDH	Gene Hinkle K5PA	Jim Kinter K5KTF
Joe Makeever W5HS	Joe Thiel N5SMN	

## Next ARRL VE Test Sessions

July 5th - Bethany United Methodist Church, Disciple Bldg. Room 203/204  
August 2nd - AUSTIN SUMMERFEST in the Crowne Plaza Hotel @12:30 PM  
Crowne Plaza Hotel is at the intersection of US HWY 290 and IH 35 North

TNX ES 73 DE W5HS

Joe

6-21-14

The South Austin W5YI VE team heartily congratulates the following people who earned new or upgraded amateur radio licenses at our June 21<sup>st</sup> session:

## General Class

David Ferreira K7NYY	Sam Kokel (NEW)	Joseph Nelson N5VPP
James Shipley KG5BPU		

## Technician Class (NEW)

Richard Bates	Ronald Bell	Kenneth Brown	Charles Cole
James Ferrier	Brian Hecht	Irene Jasso	Andrea Lofye
Richard Miller	Charles Mims III	Martin Payne	William Pursley
Alejandro Ripstein	Nicole Wolfe		

Our administering volunteer examiners were:

Craig Bean, AC5KW	Gary Popp, AE5JR
Scott Bryan W5TS	Bill Duke AF5JD
Ted Iglehart KF5END	

Our next two amateur radio exam sessions will start at  
2 PM on July 19<sup>th</sup> and August 16<sup>th</sup> 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  
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>

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TC ARES PIO	Steven Polunsky	W5SMP		<a href="mailto:tcares-pio@gmail.com">tcares-pio@gmail.com</a>

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
146.780	No	
146.880	Yes	General
146.940 107.2 PL Tone	No	Most popular, WX, Swapnet & Newslite
224.800	No	
444.100	No	
440.650 +5	No	70cm D-Star Repeater [W5KA]
146.480/+1.0	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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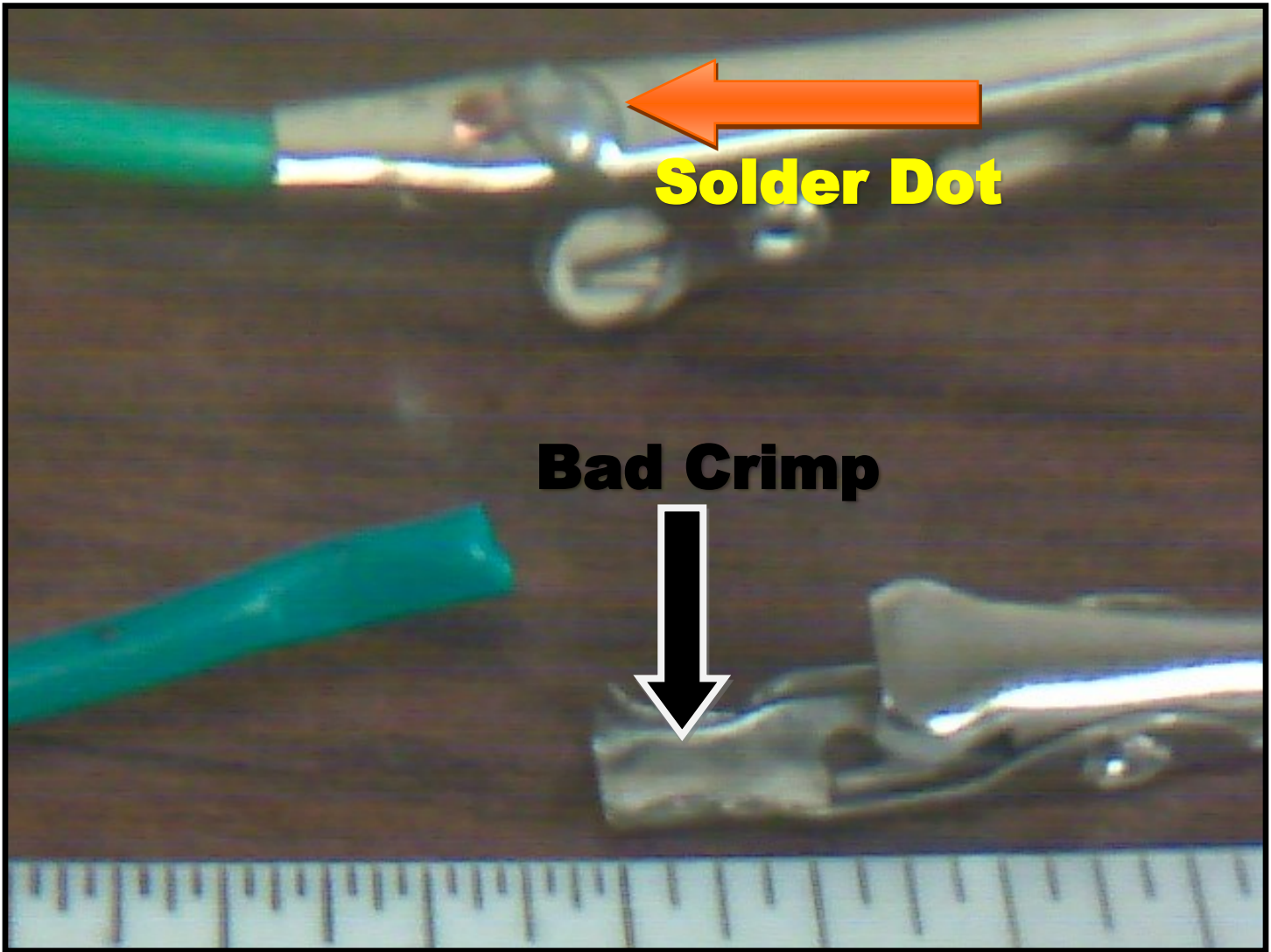
Members and other readers are encouraged to submit material for publication. Call Mitch London, if mailed submissions are required. Electronic files are encouraged! Submissions may be edited for publication. **Deadline is the 22nd of the month.**

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“XYL” is printed with permission by Carolyn Canfield, KE5DTS . Cartoons may not be reprinted without written permission.

**For Changes in your ADDRESS, PHONE NUMBER or CALL SIGN:  
See Jay Hoffman, KA5OST [ka5ost@arrl.net](mailto:ka5ost@arrl.net)  
Jay handles all changes for membership information .**



*(Continued from page 1) Never Assume Anything*

Now I've found some clip leads that are even worse, and in my own shop at that! The picture shows the ends of two clip leads. The upper is from a package of 10 just bought at Fry's labeled "NTE 72-111". NTE is a well-known supplier of replacement electronic parts, mostly semiconductors. The lower clip lead I found on the rack behind my bench; don't really know its origin. With the boot also pulled back and the alligator mini clip crimp teeth opened, this unit demonstrates the ultimate in rotten manufacture.

The wire wasn't even stripped! It was just "hoped", I guess, that the two crimping teeth might actually go down through the insulation and make contact with the stranded conductor. Well, you might not be surprised to learn that, mostly, they didn't. Remember that you have to have contact at each end of the wire in order to use the thing, thus two good chances to fail.

Some jawed clamping connectors have a tooth (or several) stamped into the wire end of the clip so that when the wire is crimped into place the tooth pierces the insulation, positively(?) making contact. OK . . . , maybe. But you better not assume that your clip leads that you buy new are OK; not these days! Or, maybe you too will spend some more time getting "educated".

You might be able to see in the photo that there is a small solder dot on the upper mini alligator clip (the NTE). Oh, but I like that dot of solder. Makes me feel that I got my \$5.99+tax worth at Fry's for 10 clip leads, 2 each of 5 different colors. But don't worry; as time permits, I'll strip and solder the rotten clip leads and be glad that I'm just a little more "educated".



## Introduction to HamSphere

By Crockett Grabbe, KF5LTT

As a scientist I have always maintained a skepticism about simulations. Research is carried out in 3 classes: experimental, theoretical, and simulation. Physicists that concentrate on "simulation" always seemed to be on their own, seemingly rarely messing with the guys that do "theory" & "experiment". However, progress in scientific endeavors has come from simulation.



When it comes to Ham Radio, full-scale simulation arrived in recent years with the development of amsphere. HamSphere is a community for Ham Radio operators and other radio enthusiasts. HamSphere is not a real radio as many have suggested. It just simulates one with an image of a transceiver on the computer screen, which also gives a real-time summary as new signals are transmitted on the bands.

Hamsphere is the brainchild of ham operator Kelly Lindman, 5B4AIT overseas. From an earlier idea of a virtual ether he developed Hamsphere 1.0, full of bugs and flaws, in early 2008. He later put out 12 pre-releases to finally come up with a stable Hamsphere as it exists today.

In Hamsphere, one talks with people around the world on a computer (in Windows, Apple or Linux), with all the controls of a ham radio, all being simulated in the software transceiver. One can simulate almost all the effects of communication across the world in real-world radio, such as a virtual ionosphere reflecting the radio waves to different parts of the world with fading & distortion. One can find out more about it at <http://hamsphere.com>.

For those that can't afford radio gear or who are restricted from erecting antennas (e.g. I have multiple disabilities), HamSphere does let you realistically keep up your radio skills. One is doing it all on a computer, with the link costing 30 Eurodollars/year (just over \$40, depending on the currency exchange rate.)

Amateur radio equipment is not needed. When you push the PTT from the computer keyboard, no RF is emitted on any real shortwave band. It is therefore completely safe to click the PTT even if you are not a licensed amateur radio operator. Many hams operate on Hamsphere who do not have a license, but they obtain an assigned ID on Hamsphere. The project was done to simulate a real shortwave band with QRM/QRN, fading etc. All bands are built in this way. If you want a noise free band, no fading, full signal, no white noise etc HamSphere has something called "Simulation Off" mode.

I use a Linux computer with a headset & microphone connected to it for my transceiver, and the radio simulation is made with software that uses java. HamSphere covers a total of 11 radio bands ranging from 6-160 meters. There are 9 virtual ham bands at 160, 80, 40, 30, 20, 17, 15, 10, and 6 meters, an 11-meter CB band, and a 48-meter BC Broadcast band. The transmitter works in DSB (Double Sideband Modulation) & has virtual power from 1 to 2500 Watts. The receiver bandwidth can be adjusted to 3.8 or 2.8, and with the new Hamsphere 4.0 that comes out soon, also 0.8 kHz.

The microphone processor includes VOX which can be programmed for all voice types. I have a loud voice, so I need to set the mike level low to avoid getting a warning of splattering into nearby frequencies. Speaking to hams in Europe (I only talk in English) and getting feedback has helped me improve it. Hamsphere is a rapidly growing trend with thousands of operators around the world in over 200 countries using it. It will be here in the future when a lot of transceivers currently used by hams have become old & crusty. If you haven't invested a lot of money into current technology, it is certainly worth checking out.

# I hope I didn't make a mistake in buying (XYZ)!

By Rick Herndon, K5FNI

An old friend from our time in San Angelo's high school recently contacted me that he has finally progressed beyond the Novice ticket he had in high school (50 years ago!). I congratulated him and offered my help when it was needed. He confessed (after the purchase had progressed beyond sending the down payment to get the equipment shipped) that he was having doubts about his first online purchase from an individual here in Texas of an advanced HF transceiver. He failed to ask really important questions of the seller that became apparent to him after an hour or so of reflection, AFTER he'd already sent the down payment check to commit to the purchase. He sent me this query, which I tried hard to answer:

> how might I have handled this in a way that would give me some protection?

Here's my reply. I'm sure there are many armchair quarterbacks with better answers, but this was my set of suggestions.

Hmmm. Let's see. I'm used to dealing with folks through eBay, not eHam.

Ideas for security:

1. Have an understanding in email that you get all your money back if the item does not work as advertised.
2. Have a clear statement from the seller about the exact state of the item he is selling you (i.e., is it working to original specs, if not, which ones are how far out of spec)
3. How shipping damage is to be handled
4. When and how you will send the remaining payment
5. If possible, pay by credit card, so guarantees built into that will protect you (I know, this was an individual)
6. Check online to see if there are any complaints about the seller
7. I try hard to pay with Paypal, as it does not reveal my credit card/bank account numbers
8. Immediately check out everything possible about the item when it arrives, with actions taken ASAP about what you find
9. Don't leap until you've compared the gear in reasonable way\$ with other equipment being offered, being sure to also look at what accessories come with your gear, along with a reasonable cost of each
10. Take a deep breath and consult with at least me or one other OT before you leap, until you get your sea legs about buying gear

Other ideas:

Keep in touch with folks who have known quality test equipment to test gear.

Keep records of test results when you purchase gear, so you can evaluate if it has gone downhill later.

Keep the records in Evernote (EN) or some other permanent access place, so, even if you're 3 computers down the road, you still have access, and you can add to prior results.

Sloooooowly accumulate your own test gear (within your budget and knowledge base), comparing it to others' in an effort to make sure the calibration is close.

Learn how to test equipment and how to test the test equipment, as time goes by.

Immediately download the user manual and (if you can find it) the repair manual for gear you purchase to be also stored in EN or other safe place.

Take advantage of any local club's "Test your gear" night...and if none have this as an (at least) annual event, see if you can get behind starting one (It is so valuable to new hams and elder hams, who have no place to put test gear after downsizing) and helping advertise it to the community.



# AUSTIN SUMMERFEST 2014

August 1 & 2, 2014

Crowne Plaza - Austin  
6121 North IH-35  
NE Corner of IH-35N & US 290E

Austin, Texas  
78752

## Our 31st Anniversary!

Once again it's time for fun in the sun in central Texas as we make the Capital City the place to be in the middle of the Texas summer. Come and enjoy old friends, the swapfest, and all the events at Austin Summerfest 2014, the ARRL Texas State Convention. And as always, we also host the Summer Meeting of the Texas VHF-FM Society.

Same hotel as  
last year !!!

Check out  
[www.austinsummerfest.org](http://www.austinsummerfest.org)  
for late breaking news!

## Schedule

All the activity is concentrated on Friday night and Saturday, to allow you flexibility in your weekend travel plans. But do come early, as things fire up at 6 Friday evening and go 'till 9, and start up again Saturday at 8 am, with swapping 'till 3:30 and dealers & sessions 'till 4:30.

The Texas VHF-FM Society meeting will run from 1 to approximately 3 pm, so mark your schedule.

## Prizes

Prizes Galore! You have a chance at a slew of them, including these Major Prizes:

- *Grand prize* is a **Yaesu FT-857D** HF/6M/2M/70CM compact all-mode transceiver.
- Our *Featured Prize* is a **Yaesu FT-7900R** 50W/45W 2M/70CM mobile transceiver.
- A special *Bonus Prize* is a **Yaesu FT-60R** 2M/70CM 5W heavy-duty handheld.



Bonus Prize,  
Yaesu FT-60R

Furthermore, if you register in advance by mail you have a shot at still one more prize—another **Yaesu FT-60R!**

With your registration you get one ticket good for Saturday's door prizes and the Major Prizes, and you can buy more tickets at \$1 each. Plus, if you rent a room at the Crowne Plaza, you'll get five bonus tickets for each room-night, up to a total of ten tickets. (See next page for prize rules.)



Grand Prize,  
Yaesu FT-857D



Featured Prize,  
Yaesu FT-7900R

## Swapfest

For lots of folks, our main event--wall-to-wall goodies of every description, brought to you in carpeted, air-conditioned comfort on Friday evening and Saturday.

## Rules:

- Full-sized tables: 6 feet by 30 inches. \$10 each, limit of 3 to a customer. First come, first served.
- AC power is available at an additional \$5 per customer, through advance registration only.
- We'll attempt to honor requests from groups of sellers for adjacent tables, if we receive your registrations in the same envelope.
- If you advance register for swap tables, we'll attempt to notify you in advance if they are unavailable due to being sold out (a rare occurrence). Be sure to give us your email address so we can notify you that way.

- Your table(s) will be held for you until 10 am Saturday.
- Swapfest hours are 6 to 9 pm Friday and 8 am to 3:30 pm Saturday. Opening times are for both sellers (for setup) and shoppers.
- Buyers and sellers must be registered at the convention.

We'll be holding a Tailgate swapfest on the east side of the Crowne Plaza Hotel. You need not be registered at the Convention to sell at the tailgate, but of course you'll want to attend the indoor swapfest and sessions, so it would be a good idea to register.

# Technical Sessions

- ARRL West Gulf Division Director **Dr. David Woolweaver K5RAV** conducts this year's **ARRL Forum**, with Vice Director **John Robert Stratton N5AUS**. This year's special guest speaker is **Dan Henderson, N1ND**, ARRL Regulatory Information Manager since June 2006.
- The **Central Texas DX & Contest Club**, widely recognized for its excellent Summerfest presentations, has yet another outstanding program lined up for us.
- **Steve Hicks, N5AC**, of **FlexRadio Systems** will give us the latest information on Software Defined Radios.
- Find out how to do "the mostest with the leastest" in our QRP workshop.
- The **Roadrunners Microwave Group** hold their annual meeting and host a session on the latest topics on the "high end."
- **Keith Pugh W5IU** leads a wide-ranging discussion on communications through **Amateur Radio Satellites**.
- **Jim Russell, NQ5L**, South Texas Section Emergency Coordinator, hosts a session on **Emergency Communications**.
- **Troy Kimmel KE5BCK** along with other leading Austin meteorologists will conduct a program on the latest in forecasting technology and recent weather events in the central Texas area.

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## Driving Directions

The Crowne Plaza is at 6121 IH-35 North at US 290, Austin, TX, 78752. Phone (512)323-5466. Talk-in is on 146.34/94. Tone: 107.2Hz

**Northbound on IH-35:** Take Exit 238-A (RM 2222). Continue on the frontage road over US 290. Turn right into the west entrance of the Crowne Plaza parking lot.

**Southbound on IH-35:** Take Exit 238 B-A, marked East 290 Houston West 2222. As you go up the ramp, it splits. Bear right at the fork, taking the West 2222 ramp. As you get back down to ground level, stay in the left lane and take the U-turn under IH-35 to the northbound frontage road of IH-35. Get to the right side of the northbound frontage road as soon as possible and take the first right turn into the west entrance of the Crowne Plaza parking lot. If you miss the first turn into the lot, take the second one into the northmost end of the hotel parking lot and work your way back to the front of the hotel.

**Westbound on US 290:** Take the IH-35 North (Waco) exit. Shortly after the exit ramp, bear to the right; turn right into the south entrance of the Crowne Plaza parking lot. This turn comes up quick; if you overshoot, just follow the turn lane to the right onto the northbound frontage road and turn right into the west entrance of the Crowne Plaza parking lot.

Summerfest will be held in the hotel's convention center in the southeast side. The tailgate swapfest area will be made available Saturday morning in the parking lot section in the southeast corner of the hotel property.

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## Prize Rules

We'll award door prizes throughout the day Saturday, until noon. For these, you must claim your prize by 12:45 pm Saturday. We'll post your name/call or ticket number at the prize drawing table. Prize tickets are only valid for persons registered at the convention.

At 1:00, we begin drawings for our three Major Prizes.

For the Major and Advance Registration Prizes, you need not be present to win. If you're a winner, we'll post your name and hold your prize. If you haven't claimed it by the end of the day, we'll send it to you.

## License Exams

An exam session Saturday afternoon will cover all elements. Bring a photo ID and one other form of identification, and \$15.00; if you're upgrading, bring your current license, any applicable CSCE's, and a photocopy of each. For more info email **Larry Gunter WB5BEK** at [wb5bek@arrl.net](mailto:wb5bek@arrl.net)

After the exams, **Jeff Schmidt N5MNW** and **Ron Hambric N5SBN** have just what you need: **A Welcome and Information for New Hams**.

## Amenities

Come on up to our hospitality suite. Room 505—that's where you'll find your old friends and new ones, too. There are soft drinks and munchies on Friday night, and refreshments on Saturday morning.

The Crowne Plaza will serve a special buffet lunch on Saturday priced at \$9.99.

## Administration Matters

Exchange views with West Gulf Division Director **David Woolweaver K5RAV**, Vice Director **John Robert Stratton N5AUS**. Find out what's going on and offer your opinions and insights. The ideal way to get or stay involved!

As always, we host the Summer Meeting of the Texas VHF-FM Society, scheduled for 1:00 Saturday afternoon.

## Craft and Skills Events

**Sandy Talen** hosts our crafts session. No prior experience required. Come for a short while or the whole session and take home a completed crafts project. Did we mention, no charge? Children are welcome, but an adult must be with the children to supervise and help.



## **AARC Minutes**

Austin Amateur Radio Club General Meeting 060314 Meeting Start: 1900 hours

**Members Present:** 58

**Officers Present:**

Lori Schmidt, KM5MQ Rich Kerchner, KC9VFT Jay Hoffman, KA5OST Jorge Harada, KF5IED

Birthdays this Month: Lew Thompson W5IFQ

**Visitors:**

Ming, David Grouse KG5CAQ, Mac Canary KD5VYT, Lee AC5GG, Suzy AC5PP

**New Hams:** Adrienne Young KG5CIL

**Upgrades:** None

**Call Sign Changes:** None

**Announcements:**

**Past Events:** 7290 Traffic Net Picnic

**Upcoming Announce:**

Jun 13-14 HAMCOM

June 28-29 Field Day Weekend @ Red Cross on Pershing. [www.arrl.org/field-day-locator](http://www.arrl.org/field-day-locator)

Jul 24-27 48th Annual CSVHFS Conference Austin Marriott South1135 @ HWY 71 [csvhfs.org](http://csvhfs.org)

Aug 1-2 Austin Summerfest Crowne Plaza 6121 [austinsummerfest.org](http://austinsummerfest.org)

**Officer Reports**

Nothing to report

Newsletter: None

Technical: Stuart Rohre K5KVH - Reported repeater and antenna status

ARES - Don Dudley AC5YK - Field Day drills

Broadband Hamnet/HSMM-MESH - 3 presentations will be made at HAMCOM including programmers, software releases, etc.

AARC Ladies

Other SIGS

**Old Business:**

Mac Canary KB5VYT discussed a scouting program with amateur radio. Gave recognition to Lew Thompson and Joe Canfield for their effort during this event.

**New Business:**

Jay proposes starting a fund for young people to get involved with ham radio. 2nd proposal is to create a grant for the K5LBJ program. Discussion on setting up a fund. Mickey McInnis suggests more notice, other members recommend same. Motion to table discussion until next meeting, seconded but did not carry. Motion to provide the funds made, seconded, and all approved. Motion to provide \$1000 to K5LBJ passed. Will create a document specifying how funds will be administered in the future and posted in AARCOVER for the membership.

**Ham Of The Month:**

Joe Canfield and Lew Thompson—Name someone at [austinhams.org](http://austinhams.org)

**Door Prizes:**

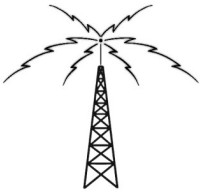
Bluetooth Speaker - Frank Jared Backpack Bag - Priscilla Jeffreys KF5FFM

**Space Weather** by Lew Thompson W5IFQ

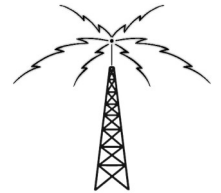
Cycle 24 is continuing to rise. 33.5 point decrease from previous 27 day rotation. Few sunspots present at the moment (13). Sudden and short M flare on June 3rd. K-index was averaging 1-3. Coronal hole 620 affected propagation due to solar wind. Austin Ionosonde was down from Jun 1st to 2nd, due to computer malfunction. Notable events include several coronal hole events leading to drops in critical frequency. Forecast expected: Quiet geomag field on June3-5. June 3-4 chance of unsettled intervals due to effects from CH260. Check out [spaceweather.com](http://spaceweather.com) and [txarmymars.org](http://txarmymars.org) and select resources.

**Meeting Adjourned:** 2005 hrs

Presentation: Field Day by Jeff Schmidt N5MNV



# 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)

An interesting news item about others doing what we have been doing here for a long time!

Forwarded by Pete Jordahl, K5GM

<http://www.foxnews.com/tech/2014/05/19/ham-radio-old-technology-gets-new-respect/?intcmp=obnetwork>

Not all that exciting I reckon. Just some Pottstown, PA Hams solving an RFI problem get some coverage on local news.

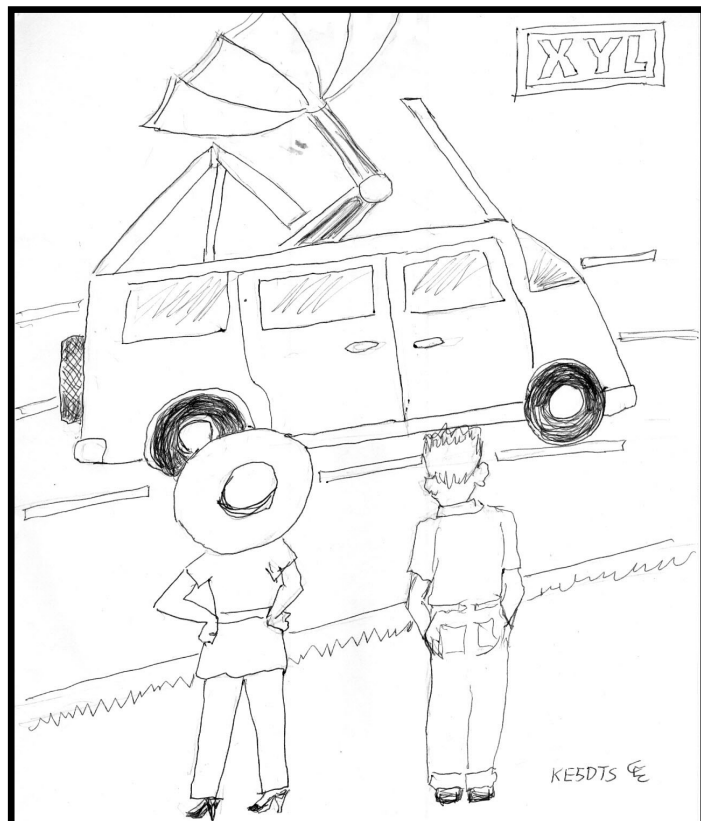
Forwarded by Jeff Schmidt, N5MNW

<http://www.stumbleupon.com/su/2gs6s2>

## XYL

By Carolyn Canfield, KE5DTS

“Wait. Is that why you want me to have a van??”



## **AARC Meeting Info.**

### **Waterloo Icehouse**

**8600 Burnet Rd. South of 183  
(Come early and have dinner!)**

### **Business Meeting 7:00 pm**

**July 1—Topic TBD—Solar Weather**

### **Officers Meeting 6:30 pm**

**July 15 - Officers meetings are open to club members.**

## **2013 Upcoming Amateur Exams**

**ARRL VEC— July 5th—August 2 @ Summerfest**  
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- July 19th & August 16th**  
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/>

## **2014 Calendar of Events**

**Jul 4 Round Rock Fourth of July Independence Day Parade** Ken K7MAL@arrl.net

**Jul 12 Tidelands HAMFEST 2014** Tidelands Amateur Radio Society 8AM until 2PM. Doyle Convention Center 2010 5th Avenue North from TALK IN 147.14(+)/167.9PL (Secondary) 442.025(+)/103.5PL  
WWW.TIDELANDS.ORG contact: Joe AA5OP@Yahoo.com

**Jul 24–27 48th Annual CSVHFS Conference**  
Austin Marriott South I35 at HWY 71  
[www.csvhfs.org](http://www.csvhfs.org)

**Aug 1-2 Austin Summerfest**  
Crowne Plaza Austin 6121 North IH-35 NE Corner of IH-35N & US 290E  
ARRL Texas State Convention.  
Summer Meeting of the Texas VHF-FM Society.  
\$10 per-person admission  
Crowne Plaza ph#- 512-323-5466.  
Talk-in on 146.94(-)/107.2HzPL  
[www.austinsummerfest.org/](http://www.austinsummerfest.org/)

**Sept 5-7 33rd Annual ARRL & TAPR Digital Communications Conference**  
Austin Marriott South, Austin, TX  
<http://www.tapr.org/dcc>

## **Upcoming Meetings...**

<b>July</b>	<b>Aug</b>	<b>Austin Meetings/Happenings</b>	<b>Time</b>	<b>Address</b>
1	5	AARC Meeting Waterloo Ice House	7:00 p.m.	8600 Burnet Rd.
20	no	QCWA Tres Amigos \$	1:30 p.m.	7535 U.S. 290
23	24	Digital Wednesday at CATRAC	7:00 p.m.	4100 Ed Bluestein Blvd.
28	22	Travis Co. REACT Jim's 183 & Burnet	7:30 p.m.	9091 Research Blvd.
22	25	Travis County A.R.E.S. Waterloo Icehouse%	7:00 p.m.	8600 Burnet Rd.
24	27	CERT Meeting, CTECC	6:30 p.m.	5010 Old Manor Rd.
22	25	CTDXCC Meeting Old Quarry Library	6:30 p.m.	7051 Village Ctr Dr.

*% New Meeting Location for TCARES*

*\$ QCWA Now meets quarterly visit <http://www.qcwa.org/chapter067.htm> for info*