

# AARC COVER

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

**Bulletin of Austin Amateur Radio Clubs**

**ISSN 1067-0262**

**September 2014**

**Issue 9-2014**

## **Tour de Cure Needs Ham Volunteers**

I'd like to encourage anyone in the area to consider helping out this cool bike ride event, involving well over 1000 riders.

**If you'd like to fundraise for the event, you may do so here:**

Main Tour De Cure website (may have to copy, paste & reassemble into browser):

[http://main.diabetes.org/site/TR/TourdeCure/A2CTX-CentralTexasArea?pg=entry&fr\\_id=8656](http://main.diabetes.org/site/TR/TourdeCure/A2CTX-CentralTexasArea?pg=entry&fr_id=8656)

Thanks to you who have already volunteered!

The "Tour De Cure", a bike ride benefiting the **American Diabetes Association**, is coming up very quickly—Sept 13th (a Saturday).

This is the ride that used to be San Antonio—San Marcos—Austin. It is now two separate events.

The North one (here) is in September and the South (San Antonio) one in October. Many Hams volunteer for both.

Volunteering for events like this help us tune our capabilities in fairly low-stress situations so we will be able to cope when things get more stressful.

If you are interested in learning more or helping with this event, please email me directly—

[N5MNW@arrl.net](mailto:N5MNW@arrl.net) and I'll place you on my (no stress, help if you can) volunteer info email list.

The ride will be a one-day event involving Williamson, Burnet & Bell counties, start/finish will be at Reunion Ranch, a little north and east of Liberty Hill.

### **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

At AUSTIN SUMMERFEST 2014, the ARRL Texas State Convention, the ARRL VEC Exam session utilized 11 Volunteer Examiners to test 36 candidates, 25 of which earned a new license class; 15 Technician Class, 5 General Class and 5 Extra Class licenses were earned.

The following are the results of the ARRL VE Test Session held on August 2nd at AUSTIN SUMMERFEST 2013 in the Crowne Plaza Hotel:

## Technician Class Licenses Processed

Cynthia T. Aguilar KG5DKX	Aaron Altmejd KG5DKU	Moshe M. Altmejd KG5DKT
Steven M. Drabbant KG5DKS	Brandi L. Dudley KG5DKW	Garrett E. Hansen KG5DLC
Laura M. Hansen KG5DKY	Diana L. MacGregor KG5DKR	Robert J. Polizzi KG5DLB
Matthew R. Robb KG5DKV	Robert J. Sarvis Jr. KG5DLA	Kerby R. Spruiell KG5DLD
Ben A. Stineman KE(0)BLN	Susan K. Vonderheid KG5DKQ	James D. Williams KG5DKZ

## General Class Licenses Processed

Andrew L. Davis KG5DEY	Cassidy P. Ferrel KG5CHI	John M. Pontious KC8LNK
Douglas S. Stanfield KG5DLE	Kevin D. Timm K5KDT	

## Extra Class Licenses Processed

James C. Hansen K5VVV	Ray Licon N5HCZ	Larry E. Long KG5DIH
Fred B. Vogt Jr. KG5DHJ	Randy W. Zoch K5RWZ	

## Examiners Participating in this Test Session

Dave Anderton AE5XY	Gary Becker AF5QB	Scott Bryan W5TS
Russ Cook KK5E	Mark Esslinger W5MAE	Larry Gunter WB5BEK
Gene Hinkle K5PA	Ted Iglehart KF5END	Joe Makeever W5HS
James Theiler KF5VTI	Roy Walker WA5YZD	

## Next ARRL VE Test Sessions

September 6th - Bethany United Methodist Church, Disciple Bldg. Room 203/204  
October 11th - Bethany United Methodist Church, Disciple Bldg. Room 203/204

TNX ES 73 DE W5HS  
Joe

8-16-14

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

## Extra Class

James Shipley, KG5BPU

## General Class

Carson Page, KF5HNJ Kayne Kruse, N9SEO

## Technician Class (NEW)

Jason Knobloch	Ernest Gray
Dale Davis	Samuel Offer
Stuart Gourd	Kenneth Semph
Brandon Williams	

Our administering volunteer examiners were:

Craig Bean, AC5KW	Gary Popp, AE5JR
David Glosson, N5DPG	Wally Marusa, K5WLY

Our next two amateur radio exam sessions will start at  
2 PM on September 20<sup>th</sup> and October 18<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.**

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.

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**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 .**

Frequencies and permission to use repeaters are still being secured, but we are hopeful to use the same as last year.

I will need at least two (prefer three) at each of eight water stops and at Start/Finish. If you've never done this before, several of the more experienced ops have said they welcome & will encourage newbies!

Some (two for sure) of the Rest Stops have shifted by a mile or so. A new one has been added in Sun City. If you'd like your same 2013 spot or close to it, please advise ASAP!

**The AARC will be installing many, if not all of its 14 APRS trackers.** We need some help installing Friday & de-installing on Saturday afternoon.

If you have on-air or internet (i.e. [www.aprs.fi](http://www.aprs.fi)) APRS monitoring capability, that will be a much-appreciated capability.

APRS maps compatible with UI-View will be made available courtesy- Paul KA5FZU.

**Rest Stop Ham volunteers** will need to be at their posts at least an hour before the first riders are expected and will be dismissed as the "Turtle" passes.

Our main duties will be aiding comms involving SAGS, supplies, bike mechanical and medical support.

A handheld will likely not have enough ERP to be reliable as primary Comms! Don't fret, though, as you can provide close-in Comms at a Rest Stop or NCS.

Best bet will be a high-power(25-50 watt) mobile or a portable station with a gain-type antenna up at least 10-20'.

The Net Control Station radios will be provided, along with APRS monitoring & voice.

**The enclosed list is not final.** I have "penciled in" assignments from last year, assuming most folks want the same/close.

Green highlight indicates a confirmed assignment. Yellow indicates an unknown or unconfirmed item.

I will finalize these as I get confirmation, deadline is 31 Aug 2014.

**If you are available to help, please have a look at the map, links & volunteer list and advise the following:**

1- T-shirt sizes

2- Where you would like to be stationed or just leave assignment to me

3- Your capabilities- Radio & antenna type, hours of duration, training, experience, etc.

4- Contact info- cellphone & email address(I will -not- include that info in wide distributions)

Call my cell if you don't get a "gotcha" email response. Feel free to call or text for additional details.

Thanks for your past and future support!

Jeff N5MNW

[n5mnw@arrl.net](mailto:n5mnw@arrl.net) 512-632-6673 (text is OK)

All routes are here (see Map My Ride links):

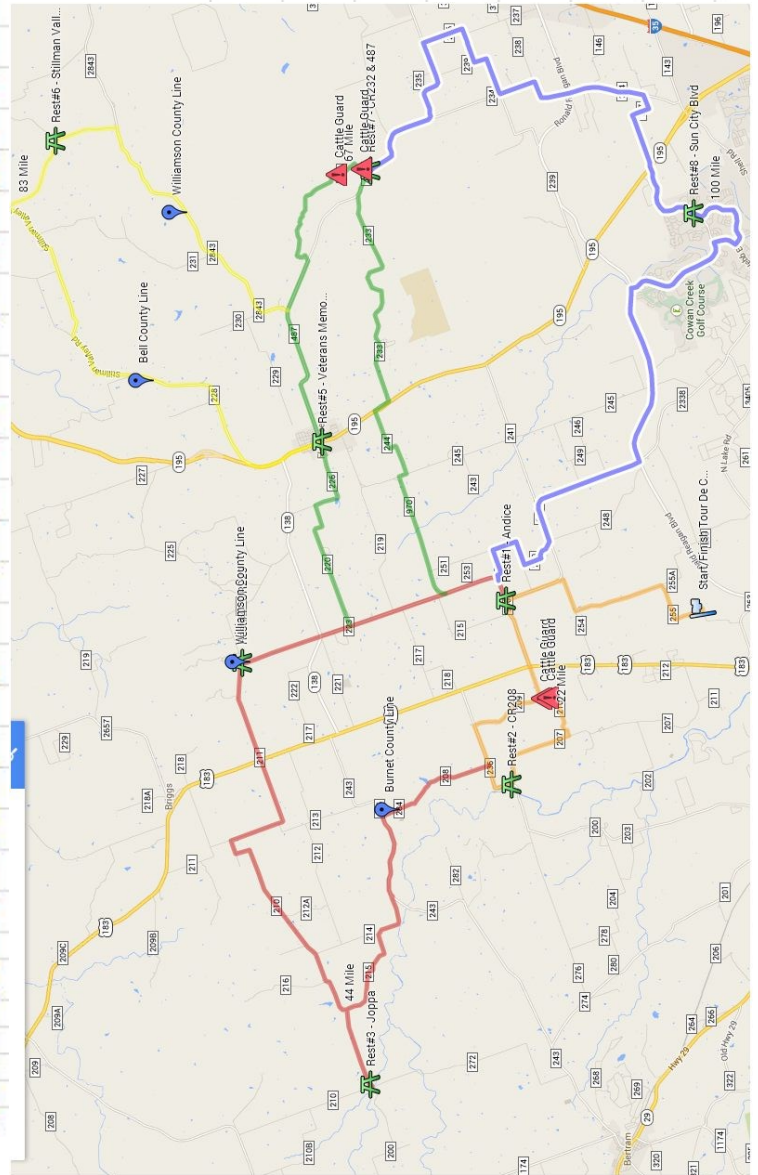
[http://main.diabetes.org/site/TR?pg=informational&fr\\_id=9398&type=fr\\_informational&sid=15400](http://main.diabetes.org/site/TR?pg=informational&fr_id=9398&type=fr_informational&sid=15400)

Jeff Schmidt N5MNW  
"Mighty Nice Weather"

# Sept 13 2014 Tour de Cure Communications Volunteers

Tentative: Pri- 147.08(+)+100.0 B/U- 147.26(+)+88.5, 145.31(-)-123.0 UHF 444.525(+)+100.0 & 446.175spX

#	Post	Call	Name	Shirt
<b>(both directions!)</b>				
RS1	Andice Store(2238/970)	nocall	NJL's daughter	L
	coords- 30°46.95' N 97°51.16' W	KF5UIB	David Sugerman	??
*31 poss difficult, under power lines in a hole, a XBR needed for *31				
RS2	CR208/236	KF5QHR	Terry Evans	L
	coords- 30°47.14' N 97°55.34' W	KF5VVB	Marvin Buck	L
		K5PHB	Frank	XL
RS3	Joppa Turnbk(200/210)	K5CSW	Cindy	L
	coords- 30°49.54' N 98°1.90' W	KF5UIE	Pat Martin	L
		KD5VRU	Paul Kinney	L
RS4	CR223/211/224	WD5DAR	Darlene Schmidt	M
	coords- 30°51.98' N 97°52.52' W	K5KDF	Kevin Faure	??
	Veterans Memorial	KF5DMP	Tom Eagan	XL
RS5	I-95/487			
	coords- 30°50.47' N 97°47.64' W		<b>08 poss difficult</b>	
	Stillman Valley & Cedar	N5EXY	Charles	XXL?
RS6	Cedar Valley/Crows Ran	KF5ZFA	Dave Machart	??
	coords- 30°55.53' N 97°40.95' W			
		KB0IW	John Trickey	L
RS7	CR232 & 487	KB7ZCP	Sharen Trickey	M
	coords- 30°49.56' N 97°41.63' W	??	Michael Waters	??
	Sun City Blvd	??	Bob Frost	??
RS8	btwn RioGrande/Yaupon	K7MAL	Ken Malgren	??
	coords- 30°43.39' N 97°42.58' W	KF5FUZ	Kevin McCoy	??
		KA5FZU	Paul Fenrich	XL
NCS	Reunion Ranch	N5MNW	Jeff Schmidt	M
	Off 255, N of King Rea	KF5CJS	John Taylor	??
	coords- 30°43.11' N 97°51.33' W			
<b>Rover/Turtle</b>				
		W9MC	Mike Childers	??
		N5NTG	Lee Besing	XXL
		KD5MTJ	David Besing	XXL
		WB5EKG	Abe Clark	??
Unknown for 2014:				
		KJ6ELE	DJ Higgenbotton	XXXL
		KF5NDM	Steven Bucek	XL or XXL
		KF5WUS	Christopher Char	L



Tour de Cure 2014  
Course map for ADA Austin Tour de Cure 2014

Stops and Course

- Style Data Labels
- Start/Finish Tour de Cure
- Rest#1 - Andice
- Cattle Guard
- Rest#2 - CR208
- Burnet County Line
- Rest#3 - Joppa
- Rest#4 - CR223
- Williamson County Line
- Rest#5 - Veterans Memorial
- Bell County Line
- Rest#6 - Stillman Valley and Cedar
- Williamson County Line
- Cattle Guard
- Rest#7 - CR232 & 487
- Rest#8 - Sun City Blvd
- 22 Mile
- 44 Mile
- 67 Mile
- 83 Mile
- 100 Mile

Base map

Hello Friends and Crew!!

The Hamfest normally being held in Corpus Christi, hosted by the South Texas Amateur Radio Club has stepped it up quite a few very large notches!

It is well beyond our normal, "club event - hamfest", and is now a much larger entity !!

This year, we are in a new facility just north of Corpus Christ in Aransas Pass, Texas.

Our new location offers us over 8,000 square feet, over 100+ tables, a conference room, and room to grow should we suddenly require it.

Along with the usual hosting of new vendors, flea market, tailgating, VE test session and forums, we are offering a Friday Night Antenna Build,

an extensive offering of door prizes, a Silent Auction with consignments accepted, (maybe a Saturday Night gathering event somewhere)

and a Sunday Tour of the USS Lexington !!

And for the hams with Young Ladies by their side, we will also have some offerings, along with all the activities along the South Texas Coast, YOUR VACATION DESTINATION !!

Visit the <http://southtexashamfest.org> details and schedules.

Check back often as we are working quickly to get everything listed on the site, as there is more to this event than meets the eye.

## **16th Annual South Texas Hamfest 2014**

**November 7 – 8, Aransas Pass, Texas**

see schedule for details

### **Aransas Pass Civic Center**

700 West Wheeler Avenue Aransas Pass, Texas 78335

**We are in a much, much larger location this year!!!**

**This Hamfest will be the biggest yet in South Texas**

**We have over 8000 square feet of Exhibit Space**

**And over 100+ tables available !!**

**Admission: Advance Registration \$ 8 includes 2 door prize tickets**

**- Closes October 26th - Don't miss out!!**

Entry Tickets available at Door \$10 includes 1 Door Prize Ticket

Kids 17 and under Free (no door prize ticket)

Antenna Build \$ 5 Entry

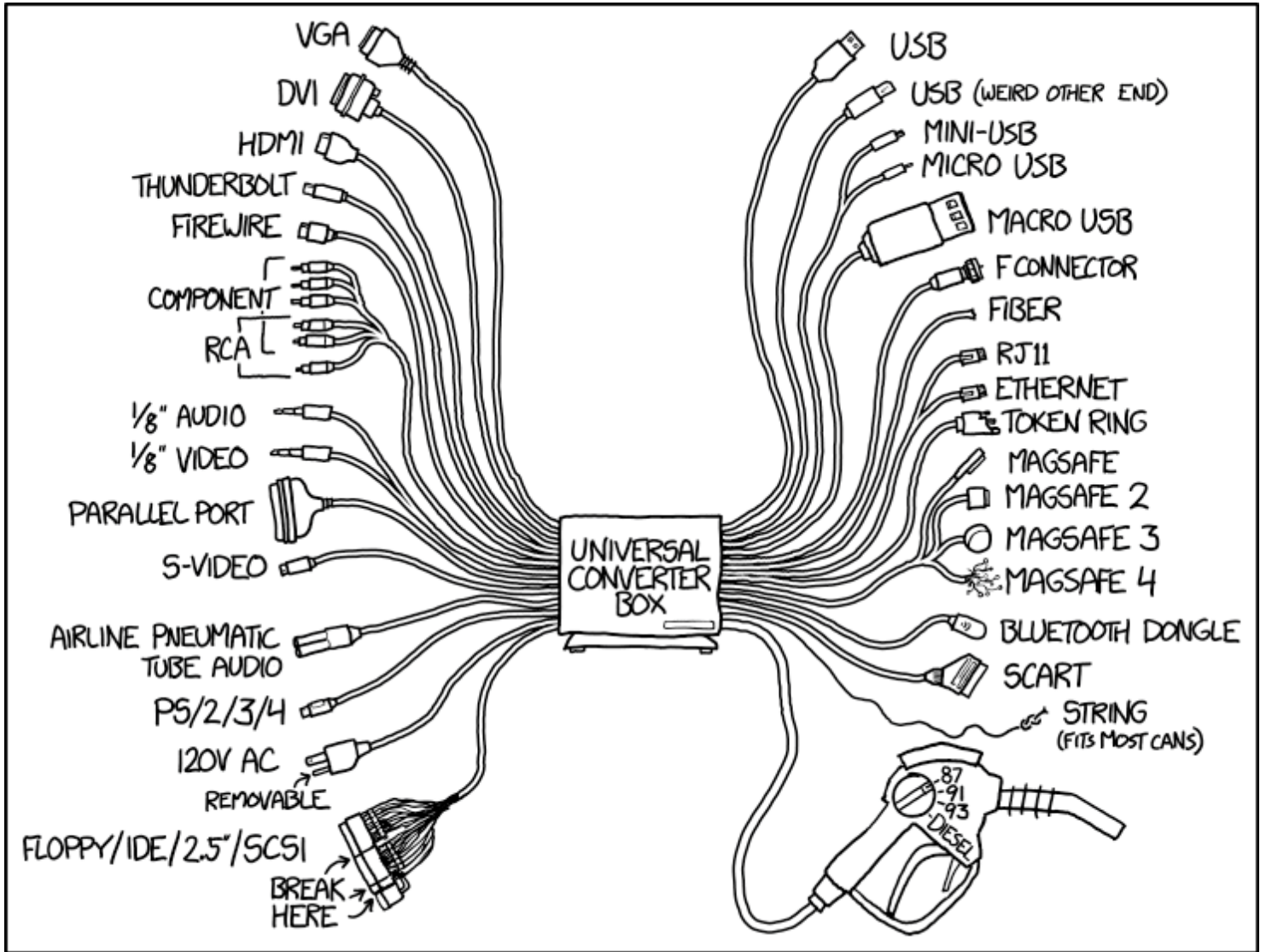
Tables (8ft) \$ 10 each (does not include entry)

Commercial Spaces \$10 each –1 table included

Tailgating \$ 5 per space (Truck with Trailer is two spaces)

**Raffle Tickets for Grand Prizes \$ 1.00 each**

We all need one of these!  
Forwarded by Pete Jordahl, K5GM



[xkcd.com](http://xkcd.com)

## **AARC Meeting Minutes: August 5, 2014**

**Presentation:** “RFI: Radio Frequency Investigations” by Austin Energy’s Jerry Taylor & Chris Sahley. (The presentation preceded the meeting this month.)

**Meeting called to order:** 8:00pm by President Lori Schmidt, KM5MQ.

Meeting started with a welcome, acknowledgement of 2 birthday and 1 new ham.

We had 43 in attendance, 2 visitors and no new members, changes, or upgrades.

**Minutes:** July's minutes approved as written in AARCOVER.

**Past Events:** Summerfest (thanks to all who helped, especially in the hospitality room).

**Upcoming Events:** 33<sup>rd</sup> TARP Conference (9/5-9/7); Tour de Cure (9/13), voice ops needed; Belton Hamfest (10/3-10/4); 12 week CW Code Class (8/3-10/19). These items, other upcoming events, and scheduled presentations are listed in the AARC Swapnet newsletter, at [www.austinhams.org](http://www.austinhams.org), and on the Yahoo user group.

**Announcements:** Ham Cruise starts 4/19/2015; 2014/2015 membership dues now being accepted; & club T-shirts/Polos still for sale.

### **REPORTS**

**Treasurer:** we received a house full of old ham equipment from a silent key, we sold it for ~\$1700 and split the proceeds with the family, the club’s half was put it into the equipment fund.

**Editor:** send articles.

**Tech Committee:** still waiting on KVUE having a need to go up the tower so we have the opportunity to reposition the .94 antenna (to improve repeater coverage to the north); there was a quick re-cap of Field Day totals and thank-yous.

**President/VP/ARES/SIGS:** no reports.

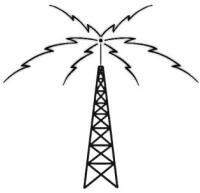
No Old or New Business discussed.

**Ham of the Month:** Cliff White, WB5DYA.

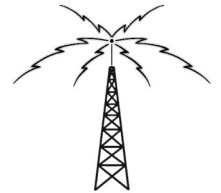
**Door Prizes:** Marshall Wyatt, KF5NZE, & Juanita Miyasaki, KD5OIE – Yaesu Hats; Frank Jared, AE5BD – ARRL Large Print Repeater Directory; Jerry Taylor - backpack.

**Space Wx:** (by Lew Thompson, W5IFQ) mostly normal except we actually had one day with no sunspots visible, all sunspots were on the opposite side of the sun. Visit the Texas Army/MARS and other solar weather websites for more info.

**Meeting Adjourned:** 8:44pm.



# 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)

How many hams live in your area? Check out this map.

<http://qrznow.com/how-many-hams/>

Forwarded by Jay Hoffman, KA5OST

\*\*\*\*\*

PHAB-9 was High Altitude Balloon launch this past Saturday. Maximum altitude was around 85,000 feet. Plans are being made for PHAB-10 with a goal of reaching 120,000 feet Above Sea Level.

Here is the track for PHAB-9 using my Arduino APRS transmitter:

[Google Maps APRS](#)

Google Maps APRS

aprs.fi · Login Show last: 15 minutes 30 minutes 1 hour 3 hours 6 hours 12 hours 24 hours 2 days 3 days 4 days 5 days 6 days 7 days Track tail length:

Is there anyone out there interested in doing something similar here in central Texas? I'm getting tired of driving to Dallas and beyond.

Jason Unwin

KF5UEF

\*\*\*\*\*

<http://www.antiqueradios.com/forums/viewtopic.php?f=8&t=243999>

Some folks are certainly biased. Overall, I enjoyed the discussion of the free Harbor Freight DMMs.

Rick -- K5FNI

\*\*\*\*\*

This linked article relates a project (The NVARC "Ugly" Filter Project) to build filters to keep one HF station from interfering with another when co-located in sites like Field Day or some emergency operations center, where you can't spread out the antennas. Or maybe you have a neighborhood ham who operates at the same time you have a net obligation?

The project article does not have step-by-step filter construction, but the club's site does have more details that will help building individual filters.

Here's the main article:

<http://www.n1nc.org/Filters/>

These are built by hams, using obtainable parts. If anyone finds a good Austin source of the defunct PC power supplies mentioned, please let me know at my ARRL address. Note: the 160m filter does use a toroid core, due to the case size limitations. The rest use PVC pipe.

73,

Rick Herndon -- K5FNI / Austin

**AARC Meeting Info.**  
**Waterloo Icehouse**  
**8600 Burnet Rd. South of 183**  
**(Come early and have dinner!)**

**Business Meeting 7:00 pm**

**September 2**—AARC Christmas Party Venue rollout and important changes for 2015!!! and Solar WX summary by Lew W5IFQ

**Officers Meeting 6:30 pm**

**September 16 - Officers meetings are open to club members.**

**2014 Upcoming Amateur Exams**

**ARRL VEC— September 6th & October 11th** 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 20 & October 18th** 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**

**Sept 5-7 33rd Annual ARRL & TAPR Digital Communications Conference**

Austin Marriott South, Austin, TX  
[www.tapr.org/dcc](http://www.tapr.org/dcc)

**Sept 13 Tour De Cure** (2<sup>nd</sup> Sat in Sept 2014)

APRS/voice ops needed at each of eight Water Stops, extra NCS's etc

Ham Radio Contact: Jeff [n5mnw@arrl.net](mailto:n5mnw@arrl.net) 512-255-6753

**Sept 13-Oct 25 Capitol BEST Robotics** competition

**Sept 27-28 Texas QSO Party**

Saturday 9AM-9PM Texas time, and 9AM-3PM Sunday  
<http://www.txqp.net/>

**Oct 3-4 Belton Hamfest**

Admission \$5 ( Includes a \$2 Raffle Ticket)  
 Talk-in 146.82(-)PL 123.0

[www.tarc.org/hamexpo/](http://www.tarc.org/hamexpo/) [www.beltonhamexpo.org/](http://www.beltonhamexpo.org/)

**Oct 11-12 MS Valero Ride to the River**

Need SAG drivers, navigators, APRS ops & Rest Stop communicators

Charlie KC5NKK  
[charlesdland@gmail.com](mailto:charlesdland@gmail.com)

**Upcoming Meetings...**

Sept	Oct	Austin Meetings/Happenings	Time	Address
2	7	AARC Meeting Waterloo Ice House	7:00 p.m.	8600 Burnet Rd.
No	19	QCWA Tres Amigos \$	1:30 p.m.	7535 U.S. 290
24	22	Digital Wednesday at CATRAC	7:00 p.m.	4100 Ed Bluestein Blvd.
22	27	Travis Co. REACT Jim's 183 & Burnet	7:30 p.m.	9091 Research Blvd.
23	28	Travis County A.R.E.S. Waterloo Icehouse%	7:00 p.m.	8600 Burnet Rd.
25	23	CERT Meeting, CTECC	6:30 p.m.	5010 Old Manor Rd.
23	28	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