



AARC OVER

Keeping Austin Wireless for Over 90 Years!

Bulletin of Austin Amateur Radio Clubs

ISSN 1067-0262

February 2010

Happy Valentines Day

Issue 2-2010

Ham in Haiti

Forwarded by Stuart Rohre, K5KVH

Here is his account sent to Austin Red Cross former co workers:

Hi Bill,

Just a quick update. I made it to Haiti and am supporting doctors at the main general hospital as well as an International Red Cross team who have setup a mobile hospital on the general hospital grounds to help with the overflow. Without going into all the gory details I guess I can only say that with all the disasters I've been on this is 1000 times worse. It is really bad here the people need help and I fear it will only get worse. I'm just glad I am able to help. My family is doing well back home thanks for asking.

Let me give you just few highlights from my first 24hrs.:

1. Flight over was a chartered jet and the air traffic control was so overloaded that my plane was not able to reach ground control at Port au Prince for nearly an hour and we had to basically fly in a circle to get them to recognize us. So we were flying by the seat of our pants. After landing I paid a local with a truck to haul people and personnel to the hospital and had him drive right up to the plane on the grass and didn't go through customs or anything. Very interesting.
2. Driving around is by far the most dangerous activity. You can get shot, a telephone pole came within feet of falling on the car I was riding in. Note to self...stay off the street because its dangerous.
3. Now I know what wartime medicine is. Its dirty, nasty, and that is all I can say right now.
4. Provided comms for Intl. Red Cross Hosp. AND the main general hospital. Not bad for the first 24 hours. I need to turn the genset off now take care and please pass this on if you wish.

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	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	444.150 + (114.8)
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

The following are the results of the ARRL VE Test Session held on January 9th, 2010 at Bethany United Methodist Church :

Technician Class Licenses Processed

Andrew T. Wilson, KF5ENC

General Class Licenses Processed

Theodore G. Iglehart III, KF5END

Terry L. Sizer, N5OPO

Examiners Participating in this Test Session

Milt Cram, W8NUE

George Csahanin, W2DB

Curt Goodson, W4QBU

Larry Gunter, WB5BEK

Joe Makeever, W5HS

Joe Thiel, N5SMN

Next ARRL VE Test Sessions

February 6th - Bethany United Methodist Church, Disciple Bldg. Room 213

March 6th - Bethany United Methodist Church, Disciple Bldg. Room 213

TNX ES 73 DE W5HS

Joe

1-16-2010

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

Extra Class – Craig M. Bean, KF5DKX

General Class – Terry G. Browning, KF5EKZ Jeffrey B. Maddux, -new-

Technician Class (all new) – Eduardo Frias

Our administering volunteer examiners were:

Hugh Brown, NT5O

Anthony Lanni, AE5JQ

Lloyd Goehring, Jr., N5TO

Tony Lyon, KJ5XF

Jim Greenwood, AB5EK Gary Popp, AE5JR

Our next two amateur radio exam sessions will start at 2 PM on February 20th
and March 20th in room 106 of Fleck Hall on the campus of
St. Edward's University. The exam fee is \$14.

For additional information regarding our amateur radio examination sessions,
please contact Jim, AB5EK at (512) 327-6184 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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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	Yes	General
146.880	Yes	General
146.940	No	Most popular, WX, Swapnet & Newslite
224.800	No	
444.100	No	
146.480/+1.0	No	2m D-Star Repeater
1293.200/-20	No	23cm D-Star Repeater[W5KA A]
1248.200	No	23cm D-Star DD (data, simplex/reversible) [W5KA A]
146.480/+1.0	No	2m D-Star Repeater [W5KA C]

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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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 20th 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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“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 (512) 388-4404 ka5ost@arrl.net

Jay handles all changes for membership information.

Over the WWWaves.

A Collection of Various Websites sent in your friendly neighborhood hams...

Ham Radio in Haiti

<http://www.cnn.com/2010/TECH/01/20/haiti.amateur.radio/index.html?hpt=C1>

Stuart Rohre, K5KVH

This article provides folks who have never used them the way to calculate series current-limiting resistors and an idea of the current drawn by small neon bulbs frequently used as power indicator lamps. Armed with this knowledge, you can design them into your application very easily. I had never before read any article that dealt with the mechanism involved in the gradual dimming of the bulbs over many years, though we've probably all dealt with the frustrations of the flickering or extinguishing of neon indicators inside the power switch of small AC power strips.

<http://www.intl-lighttech.com/applications/light-source-apps/neon-lamps/neon-lamps-index>

Rick Herndon, K5FNI

Club Dues Due for 2010

I am now accepting payments for 2010 dues.

Please send your payment of \$20 for individuals or \$30 for family (hams in same household)

Be sure include any change of contact/license info.

You can pay online here -

<http://www.austinhams.org/join.htm>

Print form to mail can be found at

<http://www.austinhams.org/Docs/>

AARC_ARRL_Membership_Form_%202008.pdf

Or print and cut the form on the right and mail to...

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

Thanks and happy hamming!

Jay Hoffman KA5OST,
Club Treasurer

The Austin Amateur Radio Club, Inc.

Membership Form for the year ending December 31, 20__

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 _____
 ARRL renewal with AARC Membership -\$ 2 _____
 Total Enclosed _____

Mail this form with payment to:

AARC - P O Box 4739 - Austin, TX 78765-4739

Check One: New member Renew membership
 Information change

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 _____

(for office use only)

Rcvd ___/___/___ Amt \$ _____ Ck ___ Cash ___ Dep ___ Post ___

JMH 02/01/2008

QST de W1AW
Special Bulletin 1 ARLX001
From ARRL Headquarters
Newington CT January 5, 2010
To all radio amateurs
ARLX001 NCVEC Releases New Technician Class Question Pool

The Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators (NCVEC) released the new Technician class (Element 2) question pool on Monday, January 4. This new question pool will become effective for all examinations administered on or after July 1, 2010; it will remain valid until June 30, 2014.

The current Technician question pool that became effective July 1, 2006 will expire June 30, 2010.

The new Technician pool contains approximately 400 questions, from which 35 are selected for an Element 2 examination; it will contain graphics and diagrams, something new for this element.

The current General class question pool was effective July 1, 2007 and is valid through June 30, 2011. The current Amateur Extra class pool was effective July 1, 2008 and is valid until June 30, 2012.

Copeland Scholarship Applications Being Accepted

Stuart Rohre, K5KVH

How quickly a year rolls around!

If you know a high School senior, or needy College student who is a ham in the Greater Austin area, encourage them to apply for the Jesse Copeland W5TQ Memorial Scholarships.

Complete scholarship forms available from the Austin Community Foundation web site or office, (In the Austin business white pages), and mail back to ACF by the deadline of midnight, January 31, 2010. Scholarships will be awarded in the Spring for the school year 2010.

The applicant must hold ANY class and a current amateur radio license (ONLY), and submit all materials requested by the application: (A certified transcript from an accredited school, a copy of the ham license, a one page essay, and a complete application must all be sent to ACF by midnight, Jan. 31, 2010.) (Commercial radio licenses are not eligible).

The amount of the scholarship depends on the earnings in an ACF investment fund, and the number awarded will also depend on the earnings. Competition will likely be much greater this year, due to recent market conditions.

Ham applicants must demonstrate their active ham radio life, life achievements, as well as grades. However, a separate resume is not required nor desired. Just follow the instructions in the application form.

The eligible area comprises Austin, the counties of Travis, and those counties touching Travis. Also, the ham being a member of AARC or part of the family of AARC members, may also influence choice in case of a tie in standings.

The scholarships are NOT available for ARRL courses, on line or "mail order" schooling, etc, but can be used for 2 or 4 year schools, and some vocational institutes.

The size of the Copeland endowment has provided almost \$250,000 in Scholarships over the life of the program. This is a great resource for Austin area hams going to college. Previous recipients continuing in college must reapply each year, and maintain a B average (3.0), for eligibility. Post graduate applications will be considered as well. There is no restriction on major field of study.

Cap10K Packet Stuffing Dates Set

Jeff Schmidt, N5MNV

All,
Bottom line for the below details is- we need our usual ~100 AARC volunteers to staff the fund-raising March 13 (Saturday) packet stuffing party held at the AAS main office and of course, 40-50 for the the run event on Sunday Apr 11 in and around downtown Austin with a great after-event party.

Details, maps, etc to follow.

Good news is- the packet stuffing has been -drastically- simplified so it should be even easier than last year's slam dunk!

Please send me (Jeff N5MNV@ARRL.NET) an email indicating your desire to help in either or both events (I've already signed a few up) and I'll begin the coordination efforts.

For the Mar 13 Packet Stuffing, specify "AM" (8-1PM) or "PM" 12noon-5PM) or all day. Pizza lunch provided 12noon-1PM. For the Apr 11 run event, please specify your desired location, T-shirt size and contact info.

Thank you all for your continued support of AARC and the good stuff we do for the community!
Jeff N5MNV

**FREE
CONTINUING EDUCATION
UNIT CREDITS**

This incredible class is organized by the Motorcycle Special Events Team and PHI STAT Air to train emergency and lay personnel on how to select and prepare an emergency helicopter landing zone, how to communicate with the helicopter pilot, how to approach the helicopter and how to package the patient for a fast and safe emergency transport.

When seconds count, citizens of Austin and surrounding communities may at some time be the beneficiaries of this vital training provided by PHI STAT Air.

All emergency personnel such as EMS, fire fighters, law enforcement, search and rescue, emergency response teams, amateur radio operators, boy/girl scouts, and others are invited to attend this **FREE** training class.

- Attendees will receive one of the following:
- EMS - 3 CEUs towards EMS Certification
 - Law Enforcement - 3 TCLEOSE CEUs
 - Fire Fighters—3 CEUs
 - Nurses - 2 hours towards nursing requirements



EMERGENCY MEDICAL SERVICES
 MOTORCYCLE SPECIAL EVENTS TEAM OF TEXAS
 WWW.MSET-TX.ORG
EMERGENCY COMMUNICATIONS

MSET-TX
 www.mset-tx.org

MSET-TX is recognized as a non-profit organization under 501(c)(3) of the Internal Revenue Code.



MSET-TX and PHI STAT AIR Present



12TH ANNUAL LANDING ZONE SAFETY TRAINING CLASS

FREE
 Open to the Public



February 13th, 2010

2010 LANDING ZONE CLASS DETAILS

EVENT DETAILS

12th Annual Landing Zone Safety Training

Saturday, February 13, 2010

Shoreline Christian Center

15201 Burnet Rd

Austin, TX 78728-3503

AGENDA

7:30a Check-in / Onsite Registration

8:00a Helicopter Landings

PHI STAT Air Medical

STAR Flight

Air Evac

Texas DPS

APD

8:30a Class Start

10:30a Break/Hands-on Training

11:15a Class continuation / Certification Test

12:30p Tests Graded / Certifications Provided

Online Registration Closed

Please Register On Site

The Day of the Event

CONTINUING EDUCATION CREDITS

It is with great excitement that not only is this training **FREE** to all who attend, this class is good for three (3) TDSHS, TCLEOSE and Fire fighter CE credits and two (2) Nursing hours upon successful completion.

DIRECTIONS

From Austin

- **IH-35** - North on IH-35. Exit 250 and turn left under the Hwy on Wells Branch Parkway. Go west to FM 1325 (aka Burnet Road.) Turn right on FM1325 and go north 1.4 miles to Shoreline Drive. Turn right into the parking lot.

- **Mopac (Loop 1)** - Mopac north. Exit Scofield Ridge (last free Exit). Stay on access road. Access road turns into FM 1325. Turn right onto Shoreline drive and right into Shoreline Christian Center parking lot.

- **From Williamson County and all points North**

Toll Road - IH35 S. Exit 250 (45 Toll Road). Via Right & follow signs to Loop 1. Exit Shoreline. Turn left. Shoreline Christian Center is on right just past FM 1325

Non Toll Road - IH-35 S. Exit 251. Stay on access road. Turn right at 2nd light (45 access rd). Turn Left at 2nd light onto FM 1325. Turn Left on to Shoreline Dr. and right into Shoreline Christian Center parking lot.

REGISTRATION

All those who **pre-register** will be eligible for door prizes. **For online registration, please go to www.mset-tx.org** and click on the Landing Zone Safety Training registration link to pre-register and to be eligible for prizes.

MORE INFORMATION

Barry Jucha, Public Information Officer
pio@mset-tx.org
(512) 438-5154 (512) 699-8611 (event day)

Radios monitored for directions on event day:
Intercity: Freq 154.95 (helicopter pilots)
Mutual Aid: Freq 154.28 (public service radio)
Ham Radio: Freq 146.88 ("-" offset & no tone)

SPECIAL THANKS

- Shoreline Christian Center
- PHI STAT Air Medical
- STAR Flight
- Air Evac
- STAR Life
- Texas DPS
- APD
- A.R.E.S
- HEB
- GT Distributors
- Miller Uniform
- Southern Safety Sales

Club Minutes



AARC Meeting Minutes: January 5, 2010

Meeting called to order: 7:00pm by President Paul Gilbert, KE5ZW.

Meeting started with a welcome to all and the agenda.

We had seven (7) visitors, one (1) license upgrade, and one (1) call sign change.

Minutes: no minutes from December (Christmas Party held in place of meeting).

OFFICER REPORTS

Editor: Mitch London, KD5HCV, requested articles and stories; talked about latest improvement and changes concerning the newsletter.

Tech Committee: Stuart Rohre, K5KVH, reported the .78 repeater came back up by accident but taken back down; the .94 repeater will be having interfacing equipment installed. Paul Gilbert updated the progress and operation of the D-Star repeater; the demo .94 radio broke so Midland Radio swapped it out with a new one.

ARES: Don Dudley, AC5YK, told everyone to be ready for that weekend's weather drill.

V-P: Mike Brumleve, KC8VSE talked about upcoming ham classes; the community service project with UT in February (Lee Cooper gave details); asked everyone to give program ideas and/or things for him or the club to work on.

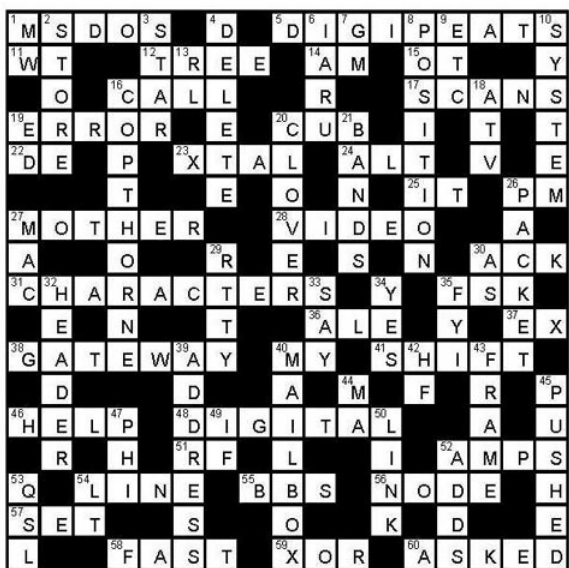
President: Paul talked about putting a PL tone on the .94 repeater; promoted the club calendar; expressed the need for a new webmaster.

Others: Lee Cooper, W5LHC, explained the details of the ARRL's Membership Drive Contest and it's awards.

Ham of the Month: James A. Kinter, Jr., K5KTF, of Leander, Texas.

Two calendars were won as door prizes. Joe Canfield, N5HPC, was presented the Texas Flag that flew over the Texas Capital Building on Dec. 5, 2009, which he won at the Christmas Party. Winners at the 90th Anniversary event held Dec. 5, 2009, at the Toney Burger Center in South Austin were announced and their prizes handed out.

Crossword Solution



No Old or New Business was brought up for discussion.

Items for the good of the club: (upcoming) Landing Zone and SkyWarn Classes; Texas Homeland Security Conference; 3M Half Marathon; Jeff Schmidt's, N5MNV, Extra Class in March. (Needed) Field Day Coordinator; a bigger meeting place (so be looking); Christmas Party location. MC Howard's is closing. These items, other upcoming events, and scheduled presentations are listed in the AARC Swapnet newsletter, at www.austinhams.org, and on the Yahoo user group.

Meeting Adjourned: 7:44pm

Presentation: "Software Defined Radio" by Greg Jurens, K5GJ.



Ham Radio Crossword

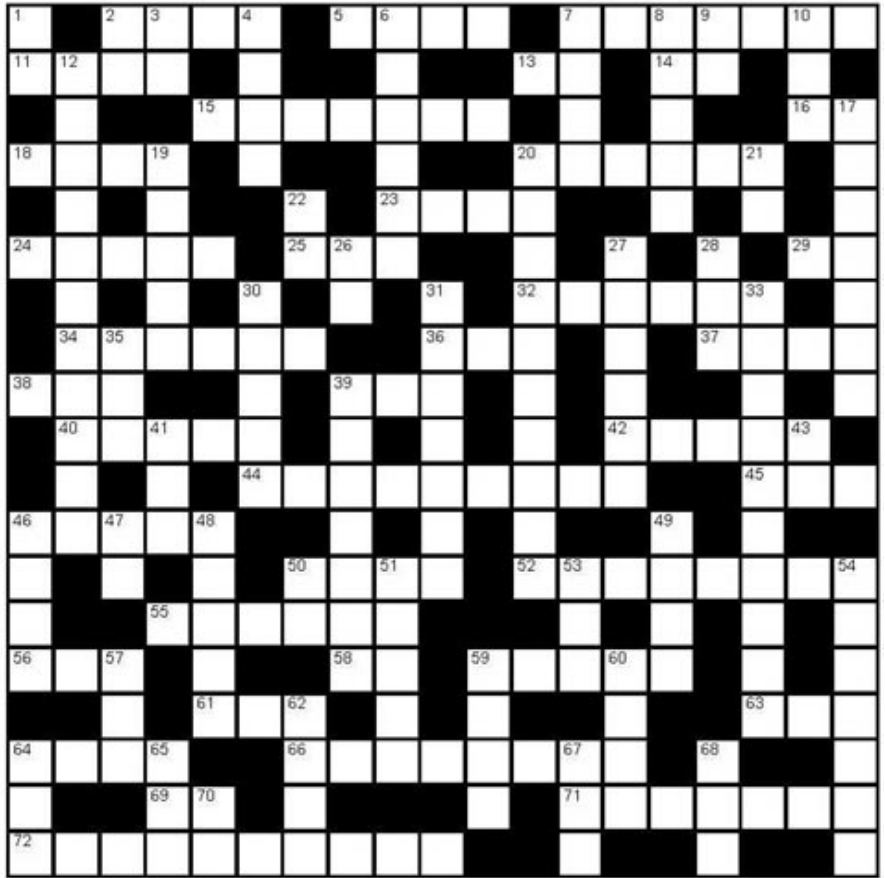
By H. Ward Silver, N0AX

Across

2. Main story
5. Repeat a sound
7. One print run of a magazine or book
11. Unwanted ad
13. Battery supplied power (abbr.)
14. What part don't you understand?
15. A writer must also be a good
16. Low Frequency (abbr.)
18. Circular antenna
20. Magazines have one on the front and back
23. Receive magazines via this
24. ARRL and QST founder
25. Sharp and thin for joining or holding
29. Teletype (abbr.)
32. Writes antenna column for Worldradio
34. Writer
36. Type of AC measurement (abbr.)
37. Smell
38. File Transfer Protocol (abbr.)
39. When finished, ... it to bed
40. A completed magazine
42. Founder of 73 Magazine
44. Pay to receive magazine
45. Printed
46. Takes a photo
50. Editors must have this quality
52. Last date for submitting material
55. Scan through quickly
56. An idea or suggestion
58. Opposite of she
59. Jerk back and forth
61. Sweet potato
63. Adjustable receive frequency (abbr.)
64. Timely information
66. Put together
69. Intellectual Property (abbr.)
71. Person or business financing an event
72. Reporter

Down

1. Do .. I say
2. Big California city (abbr.)
3. Electromagnetic (abbr.)
4. Regular set of articles (abbr.)
6. Runs every month
7. 5 Across again
8. List of articles
9. In the direction of
10. Lubricate
12. Every ham magazine has a column on this
17. Special article
19. Transfer to paper
20. Ads sorted by topic
21. ARRL sponsors this contest
22. Opinion (abbr.)



26. To be
27. First name of CQ's longest-running columnist
28. Or Best Offer (abbr.)
30. Irwin Math writes this CQ column
31. Story in a magazine
33. Business paying to display information
35. Big brown truck company
39. Own and distribute a magazine
41. Tree fluid
43. Not applicable (abbr.)
46. Long thin hole
47. Antenna tuner (abbr.)
48. QST's short items
49. Not being used
50. CQ sponsors this contest
51. Looks for
53. Estimated Time of Arrival (abbr.)
54. Persons that review and correct material
57. Church seat
59. Identical
60. Retain
62. Send by post
64. Contest magazine
65. Formal salutation for males
67. Bit of least value (abbr.)
68. Last
70. Type of semiconductor junction (abbr.)

AARC Meeting Info.

Waterloo Icehouse
8600 Burnet Rd. South of 183

Officers Meeting 7 pm

February 16th at Waterloo

Business Meeting 7pm

February 2nd - Jim Lindley is confirmed as our speaker. He will tell his story of Special Event Station N5P, and recall stories of amateur operators stationed in the Pacific theater during WWII.

2008 Upcoming Amateur Exams

ARRL VEC-February 6th & March 6th 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- February 20th & March 20 2p.m. in room 106, Fleck Hall, St. Edwards University. Contact Jim Greenwood, AB5EK arrl.net, (327-6184)

<http://texasparadise.com/w5yi-austin> for more info.

*******2010 DUES ARE DUE!!!*******

Dues must be paid by April 15, to be included in the annual Roster. Contact Jay Hoffman, KA5OST (512) 388-4404 or ka5ost@arrl.net or you can pay dues online at... www.austinhams.org/join

2010 Calendar of Events

Feb 13 WCARC Georgetown Swapfest Georgetown Community Center in San Gabriel Park 455 East Morrow St. Admission \$2 Doors Open at 8:00 Rick W5NR@arrl.net or w5nr@suddenlink.net www.wcarc.com

Feb 13 12th Annual MSET / PHI STAT Air Landing Zone Training Class Helicopter Landings: 7:45 am – 8:15 am Shoreline Christian Center www.mset-tx.org

Feb 20 SkyWarn 2010 our 20th Anniversary! 830am to 4pm at the UT Pickle Research Campus. <http://www.utexas.edu/depts/grg/kimmel/skywarn2010.html>

Feb 27 UT Project 2010 Please contact Dallas KD4HNX at mylastname@yahoo.com www.keepaustinbeautiful.org/utproject09

Feb.	Mar.	Austin Meetings/Happenings	
2	2	AARC Meeting Waterloo Ice House*	7:00 p.m.
13	13	Austin QRP, Alvin's Sandwich Shop	11:00 a.m.
23	23	ARES Training -CTECC	6:30 p.m.
16	16	HSMM/Packet SIG at Red Cross	7:00 p.m.
22	22	ATV Club Mtg. Mangia Pizza	6:30 p.m.
20	20	QCWA IHOP 183 Near Duval	1:00 p.m.
22	22	Travis Co. REACT Jim's 183&Burnet	7:15 p.m.
23	23	Travis County A.R.E.S., ARL Aud.	7:00 p.m.
25	25	CERT Meeting CTECC	6:30 p.m.

*AARC Business Meeting is at Waterloo Ice House 8600 Burnet
Come early and grab dinner before the meeting.

AARCOVER
Austin Amateur Radio Club
PO Box 4739
Austin, TX 78765-4739
February 2010
Return Service Requested