



AARC COVER

Keeping Austin Wireless for Over 90 Years!

Bulletin of Austin Amateur Radio Clubs

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October 2009

Issue 10-2009

Hurricane Season in Texas

Forwarded by Stuart Rohre, K5KVH

We have entered the hurricane season. Every day till December 1st, you'll turn on the TV to see a weather person pointing to some radar blob out in the Gulf of Mexico and making *two basic meteorological points:*

(1) *There is no need to panic*.

(2) *We could all be killed.*

Yes, hurricane season is an exciting time to be in Texas .. If you're new to the area, you're probably wondering what you need to do to prepare for the possibility that we'll get hit by 'the big one.' Based on our experiences, we recommend that you follow this simple 3-step hurricane preparedness plan:

STEP 1: Buy enough food and bottled water to last your family for at least 3 days.

STEP 2: Put these supplies into your car.

STEP 3: Drive to Nebraska and remain there until Halloween.

Unfortunately, statistics show that most people will not follow this sensible plan. Most people will foolishly stay here in Texas .. We'll start with one of the most important hurricane preparedness items:

HOMEOWNERS' INSURANCE:

If you own a home, you must have hurricane insurance. Fortunately, this insurance is cheap and easy to get, as long as your home meets 2 basic requirements:

(1) It is reasonably well-built, and

(Continued on page 5)

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	11:30 a.m.	Lunch, Waterloo Ice House	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+

In This Issue

Story	Page
Over the WWwaves	3
YouTube Site	4
SET Announcement	4
Club Minutes	6
Ham Radio	7
Crossword Puzzle	

Ham Radio Exams Results

The following are the results of the ARRL VE Test Session held on September 5th, 2009 at the Bethany United Methodist Church :

Technician Class Licenses Processed

Brian P. Faure, KF5CYX

Kevin D. Faure, KF5CYY

General Class Licenses Processed

Hugh C. Morrison, KF5CSN

Brian L. Stembridge, KF5CYW

Examiners Participating in this Test Session

Milt Cram, W8NUE

Curt Goodson, W4QBU

Larry Gunter, WB5BEK

Joe Makeever, W5HS

Tom Nevue, W2MN

Joe Thiel, N5SMN

Next ARRL VE Test Sessions

October 10th - Bethany United Methodist Church, Disciple Bldg. Room 213

November 7th - Bethany United Methodist Church, Disciple Bldg. Room 213

TNX ES 73 DE W5HS

Joe

The South Austin W5YI VE team heartily congratulates all of the following people who earned new or upgraded amateur radio licenses at our September 19th session:

Extra Class – Fred V. Bierschenk, N5EXZ

General Class – David A. Popp, KE5YBW

Technician Class (all new) – Paul G. Carapetyan Margaret A. Millán
Amy L. Rue Ethan B. Sanford

Our administering volunteer examiners were:

Hugh Brown, NT5O

Anthony Lanni, AE5JQ

Lloyd Goehring, Jr., N5TO

Jimmy Mercer, N5WDH

Jim Greenwood, AB5EK

Gary Popp, AE5JR

Our next two amateur radio exam sessions will start at 2 PM on October 17th
and November 21st 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>

President	Lee Cooper	W5LHC		president@austinhams.org
Vice President	Lori Schmidt	KM5MQ		vice-president@austinhams.org
Treasurer	Jay Hoffman	KA5OST	388-4404	treasurer@austinhams.org
Secretary	Jeff Schmidt	N5MNW		secretary@austinhams.org
Editor, AARCOVER	Mitch London	KD5HCV	326-3096	editor@austinhams.org
Technical (Repeater Contact)	Stuart Rohre	K5KVH	255-3932	k5kvh@arrl.net
ARRL Travis Co. Emer. Coord.	Don Dudley	AC5YK		ac5yk@arrl.net
TC ARES PIO	Steven Polunsky	W5SMP		tcares-pio@gmail.net
90th Anniversary Chair	Alan Russell	KE5DTR	851-1806	ke5dtr@arrl.netlcra.org

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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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.**

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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...

Trouble analyzing and converting voltage dividers???

<http://www.youtube.com/watch?v=HE04AO0MU9o>

And <http://www.youtube.com/watch?v=bv4-eReoyc8>

Rick Herndon, K5FNI

Do you understand the terms used in describing the HF propagation layers of the ionosphere?

What is the ionosphere anyway? What do those propagation forecast numbers mean anyway?

Besides textbooks and radio handbooks, there are many web sites devoted to propagation.

From the W1AW Mailing List: "Also, this Flash slide-show is quite good at explaining the fundamentals: <http://www.ae4rv.com/tn/propflash.htm>

This gives you the basics and might make a good bookmark for you to have as the sunspot cycle improves. It also covers the WWV and WWVH on air updating services.

-Stuart Rohre, K5KVH

Austin Hams YouTube Site

By Mitch London, KD5HCV

Ever since Alan, KE5DTR and I made the transmitter hunting basics video, I thought it would be fun to make more. I also thought hey wouldn't it be neat to put them up on our website. The only problem is they take up a lot of room. So I decided to make an Austin Hams YouTube site that our website can have a link to. That way we can put videos out and still keep within our websites space limitations.

So for now, we only have the one video on the YouTube site and no link yet from the Austin Hams website, which I hope will be fixed soon, so please go to the site and let us know what you think. If there is a video out there that you think would be good to have on the site send me a link, and I will see if we can get permission to post it, or at the very least we can put it in the newsletter as a link to their site.

The site is ...

<http://www.youtube.com/user/austinhams>

Simulated Emergency Test Announcement

The Travis County Simulated Emergency Test is scheduled for Saturday, October 24.

The ARRL Simulated Emergency Test is a nationwide exercise in emergency communications, administered by local Emergency Coordinators. The SET gives amateur radio communicators the opportunity to practice and improve their emergency communications skills.

The exercise will start with an AWACS Pager alert and SET call up on the 146.94 repeater. This repeater 147.36 will be the back up repeater. The SET will involve a realistic emergency scenario at locations in Travis County.

If you would like to be involved please send an email to k5fx@arrl.net.

Being involved with emergency communications is an excellent way to demonstrate amateur radio to the community; the SET is an opportunity to get involved in a non emergency, practice situation.

Glen Reid
K5FX

In the Next Issue of the AARCover!

Find out where we will be holding our 90th Anniversary Dinner!

(2) It is located in Nebraska .

Unfortunately, if your home is located on the Texas gulf coast, or any other area that might actually be hit by a hurricane, most insurance companies would prefer not to sell you hurricane insurance because then they might be required to pay YOU money, and that is certainly not why they got into the insurance business in the first place.

So you'll have to scrounge around for an insurance company that will charge you an annual premium roughly equal to the replacement value of your house. At any moment, this company can drop you like used dental floss. Since Hurricane Katrina, most Texans have had an estimated 27 different home-insurance companies. This week I'm covered by the Bob and Big Stan Insurance Company under a policy which states that, in addition to my premium, Bob and Big Stan are entitled, on demand, to my kidneys.

SHUTTERS:

Your house should have hurricane shutters on all the windows, all the doors and, if it's a major hurricane, all the toilets. There are several types of shutters, with advantages and disadvantages: Plywood shutters: The advantage is that, because you make them yourself, they're cheap. The disadvantage is that, because you make them yourself, they will fall off.

Sheet-metal shutters: The advantage is that these work well once you get them all up. The disadvantage is that once you get them all up, your hands will be useless bleeding stumps ... and it will be December. Roll-down shutters: The advantages are that they're very easy to use and will definitely protect your house. The disadvantage is that you will have to sell your house to pay for them.

Hurricane-proof windows: These are the newest wrinkle in hurricane protection: They look like ordinary windows, but they can withstand hurricane winds. You can be sure of this, because the salesman says so. He lives in Nebraska .

HURRICANE PROOFING YOUR PROPERTY:

As the hurricane approaches, check your yard for movable objects like barbecue grills, planters, patio furniture, visiting relatives, etc. You should, as a precaution, throw these items into your swimming pool (if you don't have a swimming pool, you should have one built immediately). Otherwise, the hurricane winds will turn these objects into deadly missiles.

EVACUATION ROUTE:

If you live in a low-lying area, you should have an evacuation route planned out.. To determine whether you live in a low-lying area, look at your driver license. If it reads ' Texas , ' you live in a low-lying area. The purpose of having an evacuation route is to avoid being trapped in your home when a major storm hits. Instead, you will be trapped in a gigantic traffic jam several miles from your home, along with two hundred thousand other evacuees. So, as a bonus, you will not be lonely.

HURRICANE SUPPLIES:

If you don't evacuate, you will need a mess of supplies. Do not buy them now! Texas tradition requires that you wait until the last possible minute, then go to the supermarket and get into vicious fights with strangers over who gets the last can of SPAM. In addition to food and water, you will need the following supplies:

- a) 23 flashlights. At least \$167 worth of batteries that, when the power goes off,
 - 1.) turn out to be the wrong size for the flashlights
 - or 2.) are old batteries with no power.
- b) Bleach. (No, I don't know what the bleach is for. NOBODY knows what the bleach is for, but it's traditional, so GET some!)
- c) 55 gallon drum of underarm deodorant.
- d) A big knife that you can strap to your leg. (This will be useless in a hurricane, but it looks cool.)
- e) \$35,000 in cash or diamonds so that after the hurricane passes you can buy a generator from a man with no discernible teeth.

Of course these are just basic precautions. As the hurricane draws near, it is vitally important that you keep abreast of the situation by turning on your television and watching TV reporters in rain slickers stand right next to the ocean and tell you over and over how vitally important it is for everybody *to stay away from the ocean*.

Good luck! And remember ... *It's great living in Paradise*. Hurricane season will be over December 1st .

Courtesy of a 70 year old in Devers, TX, and a former TX resident,
Alan Ardujenski, KB7MBI

Club Minutes

AARC Meeting Minutes Sept 01 2009

Called to order by Pres Lee Cooper W5LHC at 7:04

New/Visitors: V73RS Rob (from Marshall Is) KA5RCR Larry KF5CQA Paul KF6KFD Thomas

New calls: K5SMP Steve Polunski

August Minutes approved as published

Activities: EMC Symposium

Christmas Party & 90th Anniversary- Cannoli Joe's pending visit by officers on Sept 20

Need Webmaster help

Officer Nominations in October, vote at November meeting

Roster mail out- snail-mail by request

Bylaws - Lee is incorporating more suggested changes- vote at October meeting

AARL Class at CTECC 15 books sold, a VE session will be held directly after the class.

Officer Reports:

Treas- checking account: \$7800, Equipment Fund \$6500 218 total members

Editor- Please submit articles for AARCover

Repeater Committee- A temporary replacement for the ailing and hard-to-access-COA-site 146.78 repeater has been installed. It requires a 107.2Hz tone, which also appears on the output. 146.78(-)107.2

The 146.94 repeater occasionally has bursts of "white noise" which may or may not be P25 activity. Genuine P25 mode will result in no CTCSS tone and has a slight chirp at the end of the user exchange.

October AARC Meeting presentation - N5MNW on Cross-band Repeating.

November AARC Meeting presentation - Lew W5IFQ on ITU DX Beacons

The Door Prize was won by Paul KF5CQA

The meeting was adjourned at 7:40

Submitted by

Jeff Schmidt N5MNW AARC Secretary 2009

Crossword Solution															
M	I	L	E		F	L	U	X		S	P	A	R	K	
I	C	O	M		R	E	T	E		P	U	R	E	E	
N	O	A	A		E	I	C	O		E	L	E	G	Y	
I	N	D	I	C	E	S		N	N	E		N	E	E	
			L	O	P			D	E	A	D	B	A	N	D
O	M	B		M	O	R	E			T	W	O			
R	A	N	G		R	O	T	S		A	F	A	M	P	
C	Y	C	L	E	T	W	E	N	T	Y	F	O	U	R	
A	O	S	I	X		S	C	O	W		O	N	T	O	
			N	C	S			T	W	O	S		E	E	S
S	P	O	T	L	E	S	S		W	W	A				
U	H	F		U	N	I		P	A	R	A	G	O	N	
N	O	M	A	D		X	M	I	T		N	A	M	E	
I	N	A	N	E		D	U	C	T		D	I	N	S	
T	E	N	T	S		B	F	O	S		K	N	I	T	



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www.cityofaustin.org/oem

Ham Radio Crossword

By Chris Codella, W2PA

Across

1. Eight furlongs
5. Propagation predictor, with solar
9. Early ham technology
14. 7700 maker
15. Network, especially in I-land
16. Blender setting
17. Solar WX org.
18. Kit maker of the 1960s
19. Poem of lament
20. Propagation predictors, with 58 down
22. OX dir. from XE
24. Formerly known as
25. Chop (off)
26. Solar minimum result
28. Fed. fiscal agency
31. "Encore!"
33. 144 MHz
34. Phoned
36. Deteriorates
38. Post det. stage
42. Hams eagerly await it
45. 1970s sat.
46. Garbage barge
47. "I'm ___ your tricks!"
48. Checks in check ins
50. Calls from NJ or NY
52. What some amateurs are, professionally
53. The 2009 sun, mostly
57. W7 ARRL sect.
59. 440 MHz region, say
60. Prefix, opposite of 63 down
61. Early receiver maker
65. Wanderer
67. Generate RF sig.
69. Handle
70. Nonsensical
71. Tropospheric propagation path
72. Connectors with shells
73. FD abodes
74. Ckts. for CW
75. Put in stitches

Down

1. Subcompact
2. Desktop feature
3. PA front panel label
4. In-box contents
5. C6 city
6. KH6 rings
7. GMT replacer
8. Veracruz prefix
9. Indy place
10. YA cent

1	2	3	4	5	6	7	8	9	10	11	12	13		
14				15				16						
17				18				19						
20				21			22	23			24			
			25			26				27				
28	29	30		31		32		33						
34			35		36			37		38		39	40	41
42				43					44					
45						46					47			
			48		49		50			51		52		
53	54	55				56			57		58			
59				60				61				62	63	64
65			66			67	68				69			
70						71					72			
73						74					75			

11. Hara, for example
12. Superhet alternative
13. Sent CW
21. It may follow a dot
23. ___ King Cole
26. Picks up, on the air
27. Fab
28. Shamu, for one
29. W0 Clinic
30. Locking connectors
32. Column crossers
35. Sparkle
37. KC4 WX
39. Code for code
40. Receiver rear panel label
41. Con cons
43. Rules out
44. 33 dBm
49. K7UGA, once: Abbr.
51. Ant. measurement
53. 56 down measurement
54. Second SS weekend
55. GD isle
56. See 53 down
58. Types of 20 across
61. Micro micro
62. Antenna measurement
63. Prefix, with directional
64. What crank-up sections do when cranked-down
66. Dip. or Inv-V, e.g.
68. Propagation condx indicato

See Solution on Page 5

AARC Meeting Info.

Waterloo Icehouse

8600 Burnet Rd. South of 183

Regular Business Meeting 7 pm

October 6th - Ever wondered how cross band repeating works? Jeff Schmidt, N5MNW will be talking about how to run a cross band repeat station.

Officers Meeting 6 pm

October 20th

Drop in Early and grab a bite to eat! Have you heard about the secret catfish nuggets appetizer?? (It's not one the menu...shhhh!)

2008 Upcoming Amateur Exams

ARRL VEC-October 10 & November 7th 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- October 17th & November 21st 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.

2009 Calendar of Events

Oct 3 Temple Amateur Radio Club's HamEXPO
Bell County Expo Center 301 West Loop 121
Talk-In: 146.820(-)123.0Hz Mike LeFan, WA5EQQ
expo@tarc.org www.beltonhamexpo.org

Oct 9-10 Paris Texas Radio Group Red River Valley
Fairgrounds Paris, TX Talk-In: 147.040+ (PL 100) Richard
K15DX@yahoo.com www.paristexasradio.com/hamfest

Oct 23-24 Texoma Hamarama Ardmore Convention
Center 2401 North Rockford Ardmore, OK
K5BUG@arrl.net
www.angelfire.com/tx5/TexomaHamarama

Oct.	Nov.	Austin Meetings/Happenings	
6	3	AARC Meeting Waterloo Ice House*	7:00 p.m.
10	14	Austin QRP, Alvin's Sandwich Shop	11:00 a.m.
27	24	ARES Training -CTECC	6:30 p.m.
20	17	HSMM/Packet SIG at Red Cross \$	7:00 p.m.
26	23	ATV Club Mtg. Mangia Pizza	6:30 p.m.
17	21	QCWA IHOP 183 Near Duval	1:00 p.m.
26	23	Travis Co. REACT Jim's 183&Burnet	7:15 p.m.
27	24	Travis County A.R.E.S., ARL Aud.	7:00 p.m.
29	26	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.
\$ Correction to this meeting has been made*

Return Service Requested
October 2009
Austin, TX 78765-4739
PO Box 4739
Austin Amateur Radio Club
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