



AARC COVER

Bulletin of Austin Amateur Radio Clubs

ISSN 1067-0262

July 2008

Field Day ISSUE!!!

Issue 7-2008

NEW LOCATION FOR FIELD DAY!!!

This coming weekend is the fourth weekend in June, which means that it is time again for AARC Field Day. As you know the AARC has done a great job with its field day operations for as long as most members can remember. We intend to do so again this year. We always invite everyone, regardless of license privilege, to join us and do some contesting. Please join us.

This year we will have the Austin Energy Solar Trailer on display and powering all of our stations, as it did last year. Our GOTA station will have a FlexRadio state of the art Software Defined Radio for its station. A great opportunity to see one in action if you have been thinking about them, and the ARC has promised to bring by one of their Emergency Response Vehicles for display (assuming it has not been deployed to the Midwest for flood duty).



As you know, AARC has held its Field Day at Anderson High School for the past 10 years or so and had every intention of doing so again this year. Unfortunately, AISD has placed several obstacles in our path this year. They effectively forbid us from making food on site without having a permit to sell food (even though we were not selling it) and they are requiring us to hire their janitorial services for a MINIMUM of 3 hours each day for the two days at \$30 per hour. This would be almost \$200 for something not really needed and they would not cap it or refund us if we left and the grounds were clean! Several folks including AISD's Ronny Risinger and Stuart tried to work out something but, in the end, AISD would not work with us. There has been much discussion behind the scenes but the end result is that we could not justify spending that much club funds for a cleanup service that is not needed. As a result the field day site is being

(Continued on page 7)

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 -
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+

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Ham Radio Exams Results

The following are the results of the ARRL VE Test Session held on June 7th, 2008 in **The Quarries** Sports Complex:

Technician Class Licenses Processed

Matthew R. Bogner, KD5EHC
Gregory W. Everett, KE5VAX
Stephen P. Jorgensen, KE5VAW
Cinnamon A. Wright, KE5VBA

Ronald W. Corbett, KE5VAV
Ilana S. Friedman, KB3RIA
James A. Kinter, Jr., KE5VAY
Jing Zhang, KE5VAZ

General Class License Processed

William J. Cole, KB5YKL

Extra Class License Processed

Pedro F. Dilan, K5PFD

Examiners Participating in this Test Session

Milt Cram, W8NUE
Larry Gunter, WB5BEK
Joe Thiel, N5SMN

Curt Goodson, W4QBU
Joe Makeever, W5HS

Next Two ARRL VE Test Sessions

July 5th - **The Quarries** Sports Complex
August 2nd - AUSTIN SUMMERFEST Convention at the Wyndham Gardens Hotel

TNX ES 73 DE W5HS

Joe

6-21-2008

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

Extra Class –

Lee Cooper, W5LHC

Curtis P. Guyote, KD5UAR

Michael R. Primm, KE5URT

General Class –

Matthew R. Bogner, KD5EHC

Alan P. Mitchell, K5APM

Technician Class (all new) –

Michael G. Arnold
Norman J. Peterson

John-Paul T. O'Neil
Chak Man Yeung

Our administering volunteer examiners were:

Hugh Brown, NT5O

Jim Greenwood, AB5EK

Lloyd Goehring, Jr., N5TO

Tony Lyon, KJ5XF

Jimmy Mercer, N5WDH

Our next two amateur radio exam sessions will start at 2 PM on July 19th
and August 16th in room 106 of Fleck Hall on the campus of
St. Edward's University.

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 hamradioexams@hotmail.com or visit our web page at

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	Don Dudley	AC5YK	340-0778	ac5yk@yahoo.com
Vice President	Lee Cooper	W5LHC	424 5491	w5lhc@arrl.net
Treasurer	Jay Hoffman	KA5OST	388-4404	ka5ost@arrl.net
Secretary	Alan Russell	KE5DTR	851-1806	arusell@cra.org
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ARRL Travis Co. Emer. Coord.	Roger Wines	W5WIA	453-2193	w5wia@arrl.net
ARRL Public Information Officer	Lee Cooper	W5LHC	424 5491	w5lhc@arrl.net

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 & Newsline
224.800	No	
444.100	No	
146.480/+1.0	No	2m D-Star Repeater (Cedar Park Area)

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.

AARCOVER Information

ISSN 1067-0262, CODEN AAOVE3. ©Austin Amateur Radio Club, Inc.

Published monthly by the Austin Amateur Radio Club, Inc.

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

Material quoted from the ARRL Letter is supplied by the American Radio Relay League, Inc.

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 .

New Amateur Radio Satellite Receives OSCAR Designation

Space Bulletin 5 (ARLS005)

Earlier this week, Bill Tynan, W3XO, announced that Amateur Radio satellite Delfi C-3 has been issued an OSCAR number: Delfi-C3 OSCAR-64 or Dutch OSCAR-64. The shortened version of either of these two designations is DO-64. Delfi C-3 was successfully launched April, 28, 2008 from India aboard a Polar launch vehicle and was successfully commissioned, currently transmitting telemetry on the 2 meter amateur band. In addition to its 2 meter downlink, Delfi C-3 has an uplink on the 70 cm band. This newest amateur satellite was developed by a team of some 60 students and faculty members from various polytechnic schools in The Netherlands.

Delfi C-3 carries two experiments: one involving thin film solar cells developed by Dutch Space, and an autonomous wireless Sun sensor from the Dutch Government Research Institute (TNO). According to Delfi C-3 Project Manager Wolter Jan Ubbels, Delfi C-3 has been duly coordinated through Region 1 IARU representative Graham Shirville, G3VZV, and that the satellite "meets all of the criteria necessary to be issued an OSCAR number."

"AMSAT-NA is pleased to welcome DO-64 into the family of Amateur Radio satellites," Tynan said. "We are hopeful that it will fulfill its intended mission of furthering education and increasing interest in the Amateur Radio space program. We congratulate all of those responsible for designing, building, testing and launching this new Amateur Radio satellite and look forward to its long and productive life."

AARC Meeting Minutes: June 3, 2008

Meeting called to order: 7:00pm by President Don Dudley, AC5YK.

Visitors: John Causey, KE5OLR; William Kelley, KS4TH.

New Members: John Donovan, K6YLG.

Minutes: last meetings minutes approved as written in the AARCOVER.

Don Dudley presented the AARC 2008 Budget. The club voted to approve the budget.

Ham of the Month: Stuart Rohre, K5KVH (for the second in a row)

Slides and brief discussion of upcoming Plano HamCom.

Meeting Adjourned: 7:10pm

Presentation: Preparing for Field Day at end of June, led by Stuart Rohre.

Cub Scouts + Ham Radio + International Space Station = FUN!

With most of us focused on Field Day, there has not been much talk about the other AARC project coming up in June.

The Austin Amateur Radio Club, working with the Blackland Prairie Elementary School and Cub Scout pack 304 in Round Rock will be attempting to do a direct contact with the International Space Station on Friday July 4th.

The ARISS, or Amateur Radio on the International Space Station, is a joint program between the ARRL and NASA. It works with clubs like ours to setup a ham station and allow the scouts to ask the Mission Specialists onboard the ISS questions they have prepared in advance via the radio.

The program has a number of technical challenges but a strong group has stepped up to make it happen. The program is a popular one and sometimes there can be a multiple year wait to get selected for a contact.

The contact is scheduled for Friday July 4th at 11:32 am. I am hoping to retransmit the audio to either Echolink or the .94 repeater, details pending.

I will post details as they happen. Wish us luck.

Lee Cooper, W5LHC



Here we see the group of hams and non hams standing next to the antenna that will be used in making the ISS contact on Monday June 30th.



AUSTIN SUMMERFEST 2008

August 1 & 2, 2008

Wyndham Garden Hotel
3401 S IH-35 (IH-35 & Woodward)

Austin, Texas

Continuing a Ham Tradition at the Quarter Century mark!

Austin Amateur Radio Club makes the Capital City the place to be in the middle of the Texas summer. That's right — it's time for the 25th anniversary Austin Summerfest!

As always, we also host the Summer Meeting of the Texas VHF-FM Society, and this year, the ARRL Texas State Convention.

Same location
as last
year !!!

Check out
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.

Dealers

There'll be our usual fine contingent of dealers, ready to help you with their knowledge of the latest products, and a great selection of them too. Think of those little odds and ends that you've been thinking of getting for the shack—well, here's your chance to get them while they're on your mind.

Prizes

Prizes Galore! You have a chance at three *Premium Prizes*: Grand prize is a **Yaesu FT-450AT** HF/50 MHz 100W all-mode transceiver with built-in automatic antenna tuner.

- Our Featured Prize is a **Yaesu FT-60R** heavy duty 2M/70CM dual band 5W FM handheld.
- This year we offer a **Yaesu VX-170** 2M 5W handheld as a bonus prize.
- Finally, if you register in advance by mail you have a shot at another prize—yet another **Yaesu VX-170!**

With your registration you get one ticket good for Saturday's door prizes and the Premium Prizes, and you can buy more at \$1 each. Plus, if you rent a room at the Wyndham Garden, you'll get five bonus tickets for each room-night, up to a total of ten tickets.

Advance Registration and
Bonus Prize,
Yaesu VX-170

(See next page for Prize rules)

Featured Prize,
Yaesu FT-60R

Grand Prize,
Yaesu FT-450AT

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 in the southeast corner of the Wyndham Garden parking lot. 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.**

AUSTIN SUMMERFEST 2008 Advance Registration

Mail before
July 23, 2008!

Name _____ Call _____
 Name _____ Call _____
 Address _____
 City _____ State _____ Zip _____
 Day Telephone (____) _____ Evening Telephone (____) _____
 E-Mail Address _____

	Each	Qty	Total
General Admission	\$8.00	_____	_____
<small>(Per individual. Includes all hams and guests. Admission at door will be \$10.00. Children 17 and under admitted free.)</small>			
Swapfest Table Friday (6-9) and Saturday (8-3:30)	\$10.00	_____	_____
Electrical Power	\$5.00	_____	_____
<small>(Limit of 3 tables to a registrant; first come first served: tables unclaimed by 10:00 AM Saturday will be released.)</small>			
Extra Prize Tickets	\$1.00	_____	_____
		Total	_____

Representatives of the Texas VHF-FM Society will be on duty to collect your dues at the Convention.

Make check or money order payable to **AUSTIN SUMMERFEST** and mail before July 23, 2008 to:
 Austin Summerfest, Box 4739, Austin, TX 78765-4739

Directions

The Wyndham Garden Hotel is at 3401 S IH-35 in Austin. Phone 512-448-2444. Talk-in is on 146.34/94 and 449.1/444.1 MHz.

Northbound on I-35: Take Exit 230: "West 290 Johnson City Bastrop". Proceed 1.1 miles. Cross over TX71. Right onto Woodward St. Left into Hotel parking lot.

Southbound on I-35: Take Exit 231 "Woodward St." Left onto Woodward St. Cross over I-35 and frontage road. Left into Hotel parking lot.

Eastbound on US290/TX71: Take exit "35 South San Antonio." Continue on frontage road under I-35. Left on I-35 northbound frontage road. Right onto Woodward St. Left into Hotel parking lot.

Westbound on TX71: Take exit "Burleson Rd Woodward St 35 South." Proceed 1.75 miles. Right onto Woodward St. Proceed .47 mile. Right into Hotel parking lot.

Summerfest will be held in the hotel's conference center in the northeast wing of the hotel, to the left of the hotel registration desk. Convention registration will be in the hallway of the northeast wing.

Further Info

- Write to: Joe Makeever 8609 Tallwood Dr., Austin, TX 78759
- Call (512) 345-0800
- Email: w5hs@arrl.net
- For additional facilities information and pictures go to <http://www.austinsummerfest.org>

Please:

Support Summerfest by staying at the Wyndham Garden Hotel.

The number of guests we have at the hotel has a direct bearing on the economic viability of Summerfest. A good guest count helps to ensure that we can continue to hold Summerfest in the future. And don't forget that you get 5 free Summerfest prize tickets per room night at the hotel!

(Continued from page 1) Field Day New Location

moved to the Red Cross site on Pershing Road, Directions can be found on Austinhams.org.

Moving to the Red Cross does mean some changes from years past. We will likely not be using the large loop antennae this year due to space restrictions and will, instead use something more like G5RV style setups. This should make antenna setup easier this year. Also the stations will be closer together but I think that will be a plus also. AND, the onsite food prep by Mitch and Alan is back on!

Now, there has been some discussion about concerns for safety /security in that area. I have been told that with the growth of higher end housing and the revamping of the area under Austin's revitalization program, things are not really that bad over there anymore. Additionally, Stuart's son is an APD officer and has promised to ask for increased presence around there for the weekend. We will also insure that tents or equipment is not left unattended overnight as it has been in the past at Anderson high. Also we will be operating closer together than we have been before so coverage will be good.

SO, sometimes we do not seek change but have it thrust upon us. They say change is good and we think this will be too. It does remind us not to be too complacent and comfortable as these things will happen. One of Field Days purposes is to prepare us for emergency comms in situations where we have to bring our own equipment, power and antennae. Since we cannot predict where we will be needed, moving around to new locations and working out new solutions fits into the spirit of the event and is, in the end, probably good training for us.

Again, please come join us for some good training, some good food, and some excellent camaraderie this weekend.

73,

For, Don Dudley AC5YK, President AARC
Submitted by; Lee Cooper, W5LHC, VP AARC

Scholarships Awarded

The annual scholarships of Austin Amateur Radio Club, in Memory of Jesse Copeland, W5TQ, and his wife, have been announced. \$18,000 in scholarships were awarded to seven applicants.

Mitchell Wilkinson, LBJ Science Academy, KE5GQI

Ed Kirchhof, a returning scholar, KD5YRF

Tamara Sevier, a returning scholar, KE5DJZ

Shawn McCoy, a returning scholar, W5AQY

In grad schools:

Gerald Garcia, W5GWG

Tamara Klindt, KE5OGV

Johanna Preston, a returning scholar, W5JLP

All are Austin, Travis County hams and many, active members of the Austin Amateur Radio Club.

73, Stuart Rohre
For the AARC Scholarship Board

Geek Trivia - the Washington-Moscow Hotline

It's not very often that a phone line is installed for the express purpose of saving the entire human race, but that's mission profile implied by the Washington-Moscow Hotline, which was put into action 45 years ago this week. Known also as The Red Phone, the Hotline connects the President of the United States directly with the Premier of the Soviet Union so that the two can, hopefully, resolve any disputes that might otherwise devolve into a global nuclear holocaust.

The Red Phone was created by the laboriously titled "Memorandum of Understanding Regarding the Establishment of a Direct Communications Line," which was ratified on June 20, 1963 by both the United States and the Soviet Union. That memo was one of the many political aftershocks from the Cuban Missile Crisis, which saw Americans and the Soviets nearly reach the nuke-launching point, in part because President John F. Kennedy and Premier Nikita Khrushchev could not reasonably exchange messages. And by reasonably, we mean it took several hours to deliver and translate communications between what were then the two most powerful political leaders on Earth.

Under those conditions, one side would still be translating an initial message by the time an abrogating follow-up was already received. The Red Phone was designed to solve the technical aspect of that problem.

The Hotline was first put to the test during the Six Day War between Israel and Egypt in 1967. While neither the United States nor the Soviets were direct combatants in the conflict, both superpowers moved naval forces — specifically, the US 6th Fleet and the Soviet Black Sea Fleet — into the region as a contingency. The Red Phone allowed both sides to keep each apprised of each other's movements and motivations, preventing an inadvertent sparking of U.S.-Soviet hostilities.

Since then, popular culture has often dramatized these scenes — or allegories to them — with images of a stern President and a stoic Premier holding direct conversations over a literal red telephone handset. There's just one problem with these notions — the original Washington-Moscow Hotline wasn't actually a telephone connection, as it used a very different method of communication.

WHAT METHOD OF COMMUNICATION DID THE ORIGINAL U.S.-SOVIET HOTLINE EMPLOY?

What was the method of communication originally employed by the Washington-Moscow Hotline, a historically significant telecommunications link between the United States President and Soviet Premier that — while called The Red Phone — wasn't originally a telephone link at all? The original Red Phone was actually a telegraph circuit, which allowed telegram communications between the American and Soviet heads of state. In fact, the original Memorandum of Understanding that created The Red Phone explicitly required that it be a telegraph circuit, so as not to allow voice communications. The rationale behind this technical decision was that direct voice communications — which were likely to be handled through translators — could become unnecessarily complex or confrontational, which would defeat the purpose of the Hotline as a tool to avoid dangerous misunderstandings.

Instead, the President and the Premier would dictate their statements to each other and those transcriptions would be teletyped to the other party — at a rate of about three minutes per page — whereupon native translators would pore over the document and interpret it. While not as fast as technically possible, this method was still vastly superior to the pre-Hotline modes of communication available between the United States and the USSR.

Moreover, despite the aforementioned Hollywood predictions, the Hotline never ran directly between the White House and the Kremlin. The American end is housed at the Pentagon, where the military — usually through the Secretary of Defense — relays communications to the President.

The Red Phone was in operation for eight years before an actual phone ever became part of the equation. In 1971, the original duplex telegraph lines were augmented by a satellite link between pairs of U.S. Intelsat and Soviet Molniya II satellites, and an honest to goodness voice phone was installed. The system was upgraded again in 1986 to employ more modern satellites and to swap out the old teletype link with a then cutting-edge fax connection, which is still in operation.

Despite the easing of Cold War tensions after the collapse of the Soviet Union, the Hotline is still tested every hour on the hour, 24 hours a day, 365 days a year. Russian and American translators send playful test messages back and forth to keep their skills sharp, with a repertoire that includes everything from recipes to magazine articles to obscure literary passages. These games are a lighthearted tradition for a system that — despite its age — still holds a critical place in diplomatic relations, national defense and, of course, Geek Trivia.

Geek Trivia - Jay Garmon (Forwarded by Lee Cooper, W5LHC)

ICOM IC-7000 HF Mobile Radio Raffle

Austin Amateur Radio Club ICOM IC-7000 Raffle

ONLY 250 TICKETS TO BE SOLD!
DRAWING TO BE HELD AT AUSTIN RADIO ROUNDUP
SWAPFEST ON DECEMBER 6TH, 2008

The Austin Amateur Radio Club is having a fundraising event this year. We are raffling off a brand new ICOM 7000 Mobile HF Radio! This is the latest offering from ICOM. We will be selling just 250 tickets so your chances are good. The drawing will be held at the AARC Radio Roundup Swapfest in Austin Texas on December 6th.

Winners need not be present to win.

If we receive any entry forms over the 250 allotted we will return your coupon and entry fee to you. In event of last minute receipts, postmarks will be used to determine order of receipt.

WWW.AUSTINHAMS.ORG



Important:

Raffle available to residents of TEXAS only. Winner will be required to provide a valid Social Security Number and will be issued an IRS Form W-2G for tax purposes.

Come join us at our 6th Annual Radio Roundup Swapfest to be held Saturday Dec 6th. Winner will be drawn then.

www.austinhams.org for details

AARC ICOM IC-7000 Raffle

ICOM IC-7000 Raffle

Austin Amateur Radio Club
ICOM 7000 Raffle
PO Box 4739
Austin, TX 78765-4739

Contact:
Jay Hoffman, KA5OST
E-mail: ka5ost@arrl.net

Name & Call sign _____
Address Line 1 _____
Address Line 2 _____
Phone _____ Email: _____



RAFFLE TICKET PRICE \$10 / ENTRY

Radio Roundup December 6th 2008

Fill in one form for each entry — Limit 10 entries per household.

Mail to:

Austin Amateur Radio Club
ICOM 7000 Raffle
PO Box 4739
Austin, TX 78765-4739

AARC Meeting Info.
Waterloo Icehouse

8600 Burnet Rd. South of 183

Officers Meeting

**July 15th 6pm Waterloo Icehouse
(unless otherwise mentioned)**

Regular Business Meeting

Come Eat at 6:00 pm Meeting at 7:00pm

**July 1st - HF County Hunters Net. What is
County Hunting? Find out!**

2008 Upcoming Amateur Exams

**ARRL VEC- July 5th & August 2nd(Summerfest) 9a.m. at
The Quarries. Contact Joe Makeever, W5HS (345-0800) or Joe
Thiel, N5SMN (832-0450) for info. \$14 fee.**

**W5YI VEC- July 19th & August 16th 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.

2008 Calendar of Events

Jul 12 Tidelands Amateur Radio Society Hamfest
Doyle Convention Center Texas City <http://tidelands.org>

**Jul 18-19 Oklahoma State Convention (Ham Holiday
2008)** Oklahoma State Fairgrounds, Expo Hall,
NW 10th & North May, Oklahoma City, OK.
Talk-In: 146.82/22
www.hamholiday.org

Aug 1-2 Austin Summerfest Texas State Convention
Wyndham Garden Hotel 3401 South IH-35
Talk-In: 146.34/.94 (no tone)
Contact: Joe Makeever, W5HS w5hs@arrl.net
www.austinsummerfest.org

July	Aug.	Austin Meetings/Happenings
1	5	AARC Meeting Waterloo Ice House** 7:00 p.m.
12	9	Austin QRP, Alvin's Sandwich Shop 11:00 a.m.
8	12	ARES Training -CTECC 6:30 p.m.
9	13	High Speed Multimedia SIG Red Cross 7:00 p.m.
15	19	ATV Club Mtg. Mangia Pizza 6:30 p.m.
19	16	QCWA Denny's on Burnet Rd. 1:00 p.m.
28	25	Travis Co. REACT Denny's on Burnet 7:00 p.m.
22	26	Travis County A.R.E.S., ARL Aud. 7:00 p.m.
23	27	Packet Set-up Lab @ Red Cross* 7:00 p.m.

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

Return Service Requested
July 2008
Austin, TX 78765-4739
PO Box 4739
Austin Amateur Radio Club
AARCOVER