

# AARC OVER

## Bulletin of Austin Amateur Radio Clubs

Austin Amateur Radio Club  
Austin Amateur Television Club  
Austin Repeater Organization

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Issue 09-2003

### Scholarships Awarded

Jim Neely and Stuart Rohre, K5KVH

The Jesse Copeland, (W5TQ sk) 2003 Scholarship winners have been announced.

The scholarship committee, earlier in the year, evaluated scholarship applications. The choices this year were more difficult as the scholarships available are dependent on the yield on investments and the market was still down at the time the winners had to be chosen. Still, \$11,000 in school funds were handed out. This is one of the largest; if not the largest, amateur radio scholarship program of a local club.

Receiving 2003 Scholarships are Sara Hinkle, John Meaker (well known as KR4AH), Craig Brein, Vicki Logan, Michael L. Evans, and Thomas Brunet. (All of the recipients are licensed but not all calls were available at press time.)

It should be noted that recent by law changes and adoption of Scholarship by laws by AARC, will implement changes to the program for 2004. First of all, applicants will be solicited about a month earlier. That means that this October and November, applications should be obtained from Austin Community Foundation, 44 East Av. Austin. (This can be done by looking them up in the business pages and calling.) Applications will be received and forwarded to the

*(Continued on page 4)*

### Periodic Events

Sun	6:45 p.m., Bastrop ARES net	145.35-(114.8)/443.75 + MHz
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	145.13 MHz -
Sun	9:00 p.m., ARO Swapnet	146.94 MHz -
Sun	(After Swapnet) Newslines	146.94 MHz -
Mon	6:45 p.m., Hays ARES net	147.10 MHz -
Wed	11:30 a.m.-1p.m., Travis County ARES lunch @ Jim's	
	183 & Burnet Rd. 837-1119	
Thu	11:30 a.m. - 12:30p.m., lunch, Waterloo Ice House	444.1 MHz+
Sat	7:00 - 8:30a.m., breakfast, Waterloo Ice House, 8600 Burnet	
		444.1 MHz +
Sat	9:00 a.m., Chapter 67 QCWA QSO Net	3.920 MHz LSB
Daily	CTTN Central Texas Traffic Net, 6:30 p.m.	147.14MHz+

### NEW MEETING LOCATION!!!

#### Important Information!!

*See Page 5 for details!*

### WWHD (What Would Hiram Do?)

Gary Johanson, WD4NKA  
(Forwarded by Stuart Rohre, K5KVH)

Last night I fell asleep with a 1929 QST in my lap. I had just finished reading once more, "Rotten Radio" remarks from a very remarkable man. I am not an ARRL member, but I am a big fan of its founder, and often I notice him to be timely in his remarks, even in the new millennia.

I fell asleep thinking:  
"What might Hiram say today?"

*(Misty fog blows thru the scene)*

"Lighting up the old Pipe, and picking up the latest communiqué from the Powers that Be, I notice we have been offered something that has not caught me wholly by surprise.

*(Continued on page 2)*

### Inside this issue:

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(Continued from page 1) *What Would Hiram Do?*

"Gentlemen, we have a foot in the door of yet another opportunity to demonstrate just what the substrate of Amateur Radio is. Not too unlike our relegation to the useless bands below 200 meters, and remember, WE THOUGHT THEY WERE USELESS TOO!

"I remember, I was there."

"If we act cohesively, we can yet maximize our new offerings. If we degenerate to "every man for himself", we will degenerate into a quagmire of rottenness, the stench of which will be the eventual undoing of us all.

"Since this is a middling set of frequencies, more a set of channels than a band, it would seem to me that they would be ideal for certain services, who might be able to conduct themselves in a relatively QRM- free environment, such as that environment is. This might help relieve some of the congestion already present on the phone bands, with folks in this modern era emanating signals that strangely reminds my of my rotary . . .

"These frequencies can represent a known quantity, a regular place where operators can know to meet when the time is appropriate. Emergency channels, so to speak. Separate from the other bands, not subject so much to LID incursions and just plain Rotten Operators, and other young squirts!

"We were founded upon the very aspect of Public Service, and our first exposures to the press enforced this. Our Trunk lines were no hobby endeavors, but serious efforts to perform a service. Our testing of the limits and boundaries of this Ether was in the name of science and service. Our work during two major conflicts, service aboard the Liberty ships 'tween wars, Navy Day and the WERS also went down in public record as Hams in Service. Hams in preparedness.

"And now, with our current emergency organizations and programs, para-military cooperation, we are well endowed to take yet another step in demonstration of our attitude of service, especially in the light of our current National Crisis.

"Keep these channels clear for those that can use them the most effectively, and hobby on our regular bands. Let the authorities take note of how we can easily police ourselves, and more bands can be earned, even as they are deserved.

"I have ultimate faith in my fellow hams!"

T.O.M.

*( fog rolls thru again, fading out, leaving me on the couch near a warm, flat glass of diet Pepsi., QST face down on my lap.)* ■

## Ham Radio Volunteer Exam Results

### ARRL VEC – August 2nd, 2003(Summerfest):

#### Technician Class Licenses Processed (10)

4 - Anonymous                      Jason L. Huff  
Timothy J. Reardon                John A. Sandoval  
Dana L. Schwarzlose               Michael A. Wolfe  
Shelby A. Womack

#### General Class Licenses Processed (4)

John T. Brown WA2EDB                John M. Hovenga  
Wade L. Wallace, JrKD5SUY  
Richard W. Walters, KD5AYV

#### Extra Class License Processed (1)

Paul E. Woodruff, KI5JT

#### Element 3 Passed, CSCE Issued (2)

Kenton R. Fiore, KC2IFW                Anonymous

#### Examiners Participating in this Test Session (13)

Alan Ace, N5HS                              Jimmy Mercer, N5WDH  
Joan Boles, N5AEM                        Tom Nevue, W2MN  
Milt Cram, W8NUE                        George Shamblin, WA5CSH  
Larry Gunter, WB5BEK                    Carol Thiel, N5TLY  
Gene Hinkle, K5PA                        Joe Thiel, N5SMN  
Jerry Jackson, N5UJ                        Lloyd Walls, N1WX  
Joe Makeever, W5HS

#### Next Two ARRL VE Test Sessions - Murchison M.S.

September 6th @ 9AM    October 11th @ 9AM

My heartfelt thanks to these examiners who sacrificed time during the middle of the AUSTIN SUMMERFEST convention activities in order to work this exam session.  
73 DE W5HS - Joe

### W5YI-VEC– 8/23/2003

The August 23<sup>rd</sup> session resulted in the following license applications being processed:

#### Extra Class – None-

#### General Class –

Leon E. Derrick –new    Michael A. Wolfe, KD5YVB

#### Technician Class – all new licensees -None-

#### Our volunteer examiners were:

Rick Bartel, AD5HT                        Jim Greenwood, AB5EK  
John Fisher, K5JHF                        Tony Lyon, KJ5XF  
Lloyd Goehring, N5TO                      Jimmy Mercer, N5WDH  
Roger Pfluger, AC5IP

Our next sessions: September 20<sup>th</sup> and October 18<sup>th</sup>, 2003 2 PM in room 109 of Fleck Hall on the campus of St. Edward's University Information contact: Jim, AB5EK at 327-6184 or ab5ek@arrl.net

Visit our web site at: <http://texasparadise.com/w5yi-austin/>

**Exam fee is now \$12.00.**

**Please bring two forms of Identification plus your social security number.**

**Sessions are accessible to handicapped applicants.**

**No pre-registration is required.**

**Walk-ins are welcomed.**

# News from the ARRL

(Pulled from various ARRL Bulletins & Division News)

## UPDATE ON RETAINING THE MORSE CODE

Coy Day, N5OK, West Gulf Division Director

The current policy of the ARRL is to support the retention of the International Morse Code as a testing requirement. Having said that, at the July board meeting it was decided that the directors would survey their members to see what their opinions are now. Having already done that, I thought I would share the results with you. I have received well over 400 responses to the question of what the ARRL's position should be. At this point in time I have 210 that favor keeping the code and 192 that favor eliminating it. I have read each and every one of them and some were quite long. There was a great deal of logical thinking in some of the replies and others were filled with emotion. I understand that this is a difficult issue. However, I have decided to go with the majority and at this point, I will have to cast my vote on the side of those in favor of keeping the Morse as a test requirement in some form.

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## Club Minutes

### ARO Meeting, August 5, 2003

The meeting was called to order at 7:08pm by President Jeff Schmidt, N5MNV, at the Applied Research Labs on Burnet Rd.

**Visitors:** Mike Meador, KD5VHF, Dave Rivenburg, AD5OO, and Milt Cram, W8NUE, visited with us.

**Monthly Drawing Winner:** Betty Wiley, KD5DTC, won the door prize, an AARC t-shirt and a picture frame.

**Minutes:** The July 2003 ARO meeting minutes were approved as published in the AACCOVER.

**Treasury Report:** Treasurer Roger Wines, W5WIA, reported a balance of \$4889.68.

**Technical Committee:** Nothing to report.

**Old Business:** The noise committee, headed by Stuart Rohre, K5KVH, reported that an effective noise tracker can be made from a garage door opener kit he found. A meter and antenna would be needed to complete the project. They are still investigating.

**New Business:** Nothing to report.

**Web Site:** Several folks commented that the links are working, but meeting times were not apparent. Also, the link to the Summerfest site was not easy to find.

**Austin Radio Roundup:** No update.

**Ham of the Month:** President Schmidt announced that Gerald Youngblood, AC5OG, was the Ham of the Month. Gerald had a great Software Defined Radio presentation at Summerfest.

**Equipment Loaner Program:** The club's MFJ259B antenna analyzer is available. Contact Lori Schmidt, KM5MQ, to reserve equipment and make suggestions for new equipment.

**Announcements:** Mitch London, KD5HCV, asked for ideas for AARC programs.

Stuart Rohre, K5KVH, announced that the QRP special interest group would hold their next informal meeting at the Owens restaurant on I-35, north of 290, at 11am this coming Sat.

Mitch London also announced that he had access to more batteries that were taken out of UPS service. They were originally rated at 30AH.

Stu Rohre took a poll to determine how many members would be interested in an outside activity like miniature golf.

Roger Wines announced that the QCWA will meet at Bevo's on the third Saturday at 11:30am.

Jeff Schmidt announced a radio gear auction to be held on August 12 at 11:30am.

The meeting was adjourned at 7:44pm.

**Program:** The program was hosted by Roger Wines, W5WIA, and was about CW. Roger brought several keys, a keyboard driven keyer, and a CW decoder to show. He said that hams used to start out on a key, not voice. Roger related some of his CW experiences and described how to listen to characters. He stated that CW could get through many times when voice cannot. And a good reason to keep CW is that it is part of the hobby.

Roger introduced Milt, W8NUE, who announced plans for QCWA sponsored CW practice sessions on the 146.78 repeater. The current plan is to hold the practice at 8pm on Wednesday nights, starting in September. The session will start with a voice intro and follow with Morse text.

Submitted by John Suchyta, KG5O  
ARO Secretary

### Austin Amateur Radio Club

The monthly meeting of the Austin Amateur Radio Club was held on August 12th, 2003 at Applied Research Laboratories, 10000 Burnet Road Austin, Texas 78758. Club President John Suchyta, KG5O, called the meeting to order at 7:05 PM

**Monthly Prize Winner:** KD5IDH, Byron

**Visitors:** N5CBT, Russell Stanphill, KE5YRD, Doug Mc Laren, AD500, David Rivenburg

**Approval of the Minutes:** It was moved that the minutes of the last meeting be approved. The motion was seconded and approved.

### Officer Reports:

**President** - John Suchyta, KG5O

**Vice President** - Mitch London, KD5HCV

Mitch announced that he has reserved Fiesta

*(Continued on page 4)*

(Continued from page 1) Scholarships Awarded committee by end of February.

The goal is to align the application process with the new AARC operating year, which will start Dec. 1 with our new officers. We want to select applicants by March, in order to have time to publicize the scholarships and the amateur radio link to all schools before graduations in early May and to have them announced in school graduation programs.

Jesse Copeland and his wife were benefactors of AARC. Having no children, the Copeland's stipulated that proceeds of their estate be donated to AARC. Upon receiving the sizable bequest; the club voted to create a Scholarship Program unique in TX.

The first principal requirement is that an applicant has to hold an Amateur Radio License. Applications are administered by Austin Community Foundation which manages the investments, checks that applicants include a copy of their license with their application and transcripts, and then pays the scholarship funds to the institution attended by the scholarship recipient.

The Scholarship board of club members decides on selectees depending on their academic records and goals. Any major, and some continuing education courses are eligible for support.

(Note that the courses supported do not include the ARRL Emergency Communications Course, which is separately tuition reimbursed by a Homeland Defense grant to ARRL.)

The Copeland Scholarships are intended to support undergraduates in college, graduate students and returning students, and continuing professional education by AARC members and amateur radio operators of the Greater Austin Area. ■



## Coming in November!!!

### Join the ARRL through AARC!

Please see Roger Wines, W5WIA, to help out the club financially and help yourself by becoming an ARRL member.

You can have a life membership by paying 15 times a single year's dues over 8 quarter-yearly installments.

(Continued from page 3) Club Minutes

Gardens for December 9th for the annual holiday party. Mitch also noted that there is a need for topics and speakers for the AARC monthly programs. If you have something of interest to present, please contact Mitch London, mlondon@austin.rr.com.

**Treasurer** - Roger Wines, W5WIA0

Balance in the club treasury as of July 31, 2003 is \$1491.83.

**Activities Manager** - Stuart Rohre, K5KVH

Stuart made a plea for all amateurs to write reply comments to FCC BPL inquiry. BPL stands for Broadband over Power Lines and the problem for amateur radio is broadband bursts of noise that exceed 20 over S9 with continuous hash that may equal S9 across the entire HF spectrum. We, as amateur radio operators need to consolidate our efforts to eliminate this new threat to our bands. Stuart also discussed Summerfest and the success of the Austin Clubs participation.

**Technical Committee** (Ed Golla, K3AHS)

There were no issues reported with the 146.78 repeater.

**ARES Liaison**

Lee Cooper (W5LHC) announced that an ARES only Simulated Emergency Test (SET) is scheduled for October 11th. This will not involve ARCHES, but instead will seek to coordinate with other amateur emergency groups from the adjoining counties.

**Old Business:** No old business.

**New Business:** No new business.

**Announcements:**

Stuart Rohre announced that with the new by-laws in place that a elected Activities Manager position no longer exists. Mitch London was railroaded into creating an activity committee to put on the annual holiday party in December.

Roger Wines announced that the QCWA meeting would be held on the 3rd Sat at Bevo's Bar and Grill (Old I-35 Jim's) at 11:30 AM.

Stuart Rohre announced that the QRP group meets on the second Saturday at 11:00 AM at Owen's Restaurant.

Mitch surprised the group by announcing that space was available in the AARCOVER for a few selected articles on topics of interest to amateur radio operators. In the past editorial space has been at a premium and few local authors have had the chance to be published. This reporter certainly hopes that members of the local community take advantage of this unique opportunity to be published in this highly prestigious publication.

Mitch also announced the formation of two new mailing lists for the Austin amateur community. These groups are hosted by Yahoo! groups and are extremely easy sign up for and to use.

<http://groups.yahoo.com/group/AustinHams/>

<http://groups.yahoo.com/group/AustinHamsInfo/>

**Adjournment**

The meeting was adjourned at 7:43 PM

**Program**

Mitch London (KD5HCV) gave an interesting and informative talk on amateur radio direction finding in Austin.

**AARC and ARO MEMBERSHIP  
APPLICATION &/or RENEWAL FORM**  
For year ending December 31, 2003

APPLICATION FOR: (check applicable box and enclose payment to either)  
AARC/ARO  \$20 single  \$30 family (all with same mailing address)

For 'first time registrants to ARRL' - join both ARRL and the local clubs  
(a \$15 savings) (make check payable to AARC)

Local QCWA dues for the year - add \$6 to your check and indicate here

Mail this form with payment to:

AARC - P O Box 4739 - Austin, Tx 78765

CHECK HERE IF ANY INFORMATION PROVIDED HAS RECENTLY CHANGED

NEW MEMBER - NEVER BEFORE REGISTERED  RE-REGISTERING

Call sign \_\_\_\_\_ First Name \_\_\_\_\_ Last Name \_\_\_\_\_

ARRL member Y N License class E A G T + T N Year first licensed \_\_\_\_\_

Mail Address \_\_\_\_\_

City/Sv/Zip \_\_\_\_\_

Hm Ph \_\_\_\_\_ Cel Ph \_\_\_\_\_ Wk Ph \_\_\_\_\_

Pager # \_\_\_\_\_ e-mail \_\_\_\_\_

Please list additional family members here and check the family member box above.

2<sup>nd</sup> Call \_\_\_\_\_ Name \_\_\_\_\_ ARRL mem Y N

3<sup>rd</sup> Call \_\_\_\_\_ Name \_\_\_\_\_ ARRL mem Y N

4<sup>th</sup> Call \_\_\_\_\_ Name \_\_\_\_\_ ARRL mem Y N

I/WE have interest in the following:

- |  |                                    |   |  |
|--|------------------------------------|---|--|
| <input type="checkbox"/> Monthly meetings    | <input type="checkbox"/> Field Day | <input type="checkbox"/> Working Events   | <input type="checkbox"/> Transmitter Hunts |
| <input type="checkbox"/> Talking on 2 mtrs   | <input type="checkbox"/> DXing     | <input type="checkbox"/> Newsletter       | <input type="checkbox"/> Holding Office    |
| <input type="checkbox"/> Presenting programs | <input type="checkbox"/> CW        | <input type="checkbox"/> Net Control      | <input type="checkbox"/> Emergency Comm's  |
| <input type="checkbox"/> Holding ARRL office | <input type="checkbox"/> Education | <input type="checkbox"/> Public Awareness | <input type="checkbox"/> Working w/Youth   |
| <input type="checkbox"/> Others _____        |                                    |   |  |

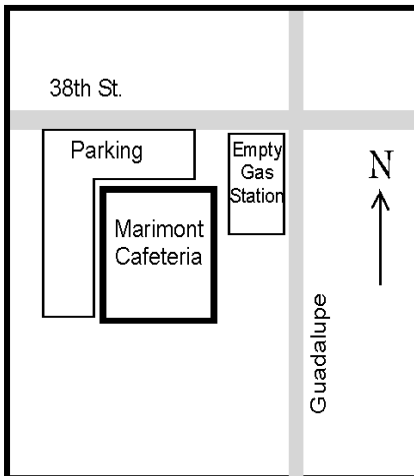
(for office use only)

Rcvd \_\_\_/\_\_\_/\_\_\_ Amt \$ \_\_\_ Ck \_\_\_ Cash \_\_\_ Dep \_\_\_ Comp \_\_\_

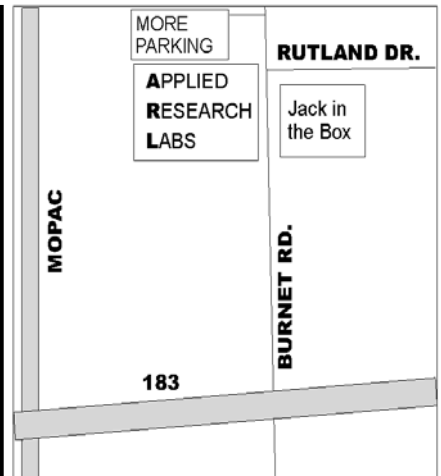
**EXTRA EXTRA!**

**ARO & AARC Close down yet another business!**

**New meeting location as of October 7th for ARO is Marimont Cafeteria at 38th and Guadalupe. AARC still meets at ARL Aud.**



**MAP A (ARO)**



**MAP B (AARC)**

**New Meeting Location as of October 7th!**

Alas, yet another meeting place has closed its doors on us. So the search for a "permanent" meeting location has led to some new things. Starting **October 7th**, Austin Repeater Organization (ARO) will meet at Marimont Cafeteria located at the corner of 38th & Guadalupe (See map A). The meetings will be in the style they have always been, i.e. business meeting and presentation. The Austin Amateur Radio Club (AARC) will meet at ARL Auditorium at 10000 Burnet Rd. (See map B) and after the business meeting the format will be a more hands on type of activity such as cable/connector soldering, electronics troubleshooting and the like (Suggestions always welcome). Travis County ARES is still meeting at ARL Auditorium. If any of this information changes be sure to check out the [austinhams.org](http://austinhams.org) website for the



Austin Amateur Radio Club, Inc., PO BOX 4739, AUSTIN TX 78765-4739, Web site: <http://www.austinhams.org>

President	John Suchyta	KG5O	261-4931	kg5o@arrl.net
Vice President	Mitch London	KD5HCV	472-2843	kd5hcv@arrl.net
Treasurer	Roger Wines	W5WIA	453-2193	w5wia@arrl.net
Secretary	John Meaker	KR4AH	693-9342	kr4ah@arrl.net
Activity Manager	Stuart Rohre	K5KVH	255-2932	k5kvh@arrl.net
Editor, AARCOVER	Mitch London	KD5HCV	472-2843	kd5hcv@arrl.net
Technical (Repeater Contact)	Ed Golla	K3AHS	255-4818	edgolla@hotpop.com
ARRL Travis Co. Emergency Coordinator	Lee Cooper	W5LHC	260-7757	w5lhc@arrl.net
ARRL Public Information Officer	Roger Wines	W5WIA	453-2193	w5wia@arrl.net

Austin Repeater Organization, PO BOX 4739, AUSTIN TX 78765-4739 Web site: <http://www.austinhams.org>

President	Jeff Schmidt	N5MNW	255-6753	n5mnw@arrl.net
Vice President	Rick Kirchof	KD5ABM	454-4306	rick@kirchof.com
Secretary	John Suchyta	KG5O	261-4931	kg5o@arrl.net
Treasurer	Roger Wines	W5WIA	453-2193	w5wia@arrl.net
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Director	Juathenia Kinney	KA5TXK	442-8427	
Director	Nick Broline	W5FUA	929-4314	nick.broline@baesystems.com
Director	Lee Cooper	W5LHC	260-7757	w5lhc@arrl.net
Director	Stuart Rohre	K5KVH	255-2932	k5kvh@arrl.net
Director	Fred Neuenschwander	W5FQR	345-2145	Fred_Neuenschwander@amat.com
Transmitter Hunt Coordinator	Mickey McInnis	WX5U	339-0344	mcinnis@austin.ibm.com
Technical (Repeater Contact)	Jon Dahm	WB5PCV	328-6662	jon.dahm@motorola.com

Please contact a club officer, attend a meeting, or mail us to join either or both organizations.

The Austin Amateur Radio Club, Inc. and The Austin Repeater Organization have combined membership dues of \$20.00/calendar year (\$30.00 family to the same address)

The Austin Amateur Radio Club, Inc. AARC maintains a repeater with an open autopatch and emergency power on 146.78 MHz and an emergency HF/VHF station at the American Red Cross building. Persons residing or working within the coverage area are expected to join the club, if they use the autopatch. Non-residents on short visits are welcome to use this autopatch.

The Austin Repeater Organization ARO maintains the following repeaters: 146.88MHz (-600) with autopatch; 146.94 MHz (-600) used for Weather Net when called, and Travis County ARES. It is also used for Swapnet and Newslines @ 9p.m. Sunday; 224.80 MHz (-1.600); 444.10 MHz (+5); & 145.01 MHz packet NetROM node (KB5PM-1 or alias AUS). Persons residing or working within the coverage area are expected to join the club, if they use the autopatch. Non-residents on short visits are welcome to use this autopatch. **The 146.78 and 146.88 repeaters have open autopatches.** Please transmit your call **before** using the phone patch. Press \* and dial the phone number to place a call. Do not unkey after the \*. When finished, press # to hang up the phone. Dial 911 (no \* needed) for emergency services.

#### AARCOVER Information

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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 15th 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.

"NOUJR and His Friends" is reprinted with permission by Greg Trook, Trook Enterprises. Cartoons may not be reprinted without written permission.

For information: <http://incolor.inebraska.com/n0ujr>.

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**]Thanks to Smokey Wiley, K5RDJ, and his wife, Betty Wiley, KD5DTC, who mail the AARCOVER each month!**

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**For Changes in your ADDRESS, PHONE NUMBER or CALL SIGN:  
See Roger Wines, W5WIA (512) 453-2193      w5wia@arrl.net**

**Roger handles all changes for AARCOVER mailing labels and membership information and roster questions.**

#### **Over the Radio WWWaves...**

Here is a dB per 100 feet of cable loss chart... <http://www.radio-ware.com/products/techinfo/coaxloss.htm>

A great link from an ex club member, Alan Wormser, N5LF, is at: <http://www.qsl.net/n5lf/> This link tells you the why and what about ham radio and why you should be in the service/hobby. (Forwarded by Richard Herndon K5FNI)

A great link for how to get into the service/hobby and how to do the things that need to be done. It will help you, if you don't have that personal friend (Elmer) to get you started in ham radio: <http://www.marclub.org/elmer.html>

K5HDG, found this website for radio manuals for anybody that may need them. <http://ac6v.com/manuals.htm>

# SMOKEY'S KORNER

Smokey Wiley, K5RDJ

Have you ever had a mobile station in your vehicle, boat, motorcycle, etc? Well maybe you should think about just that. First of all, you should plan what frequencies you would like to operate. Don't get carried away here. Keeping in touch requires no more than a 2meter or 70 centimeter rig. Not only can you minimize your effort but also you can easily add to your station at a later date by placing an amplifier in the antenna line. Amplifiers are available from 30 watts to as much as 200 watts for use in a mobile. Your rig has different levels of drive power in the rig. You know of course that rigs exist that will work from 160 meters to 70 centimeters including the WARC bands. If you were using a motorcycle, it would be a good idea to carry some foldable antennas in your saddlebags. This will let you work the lower bands if you're stopped for a while at a camp ground area. If you're installing a rig in a boat, be sure to provide a ground to the water. Most boats are fiberglass so a ground plane needs to be provided under the front of the boat for NMO antenna mounts, and on top of the boat for magnetic mounts. Remember the ground plane and the ground to the water are two different things. You should have both. It is really important on HF.

If you are putting an installation in a car, SUV, or pickup you will be eligible for Ham Call Plates. They are \$2 for first timers and \$1 each year after that, above the normal registration fee. As long as you don't conduct business on the autopatch frequencies, you can stay in touch with friends and family. Here in the Austin area there are at least two on 2 meters and one or more on 70 centimeters.

You will have a great time as long as you watch what is happening outside the vehicle. Secure the vehicle then do the hamming. It costs a lot of money to maintain the repeaters so join the club and help with your share of the costs. Have a great time and if you hear me on 146.940 MHz. give me a shout.

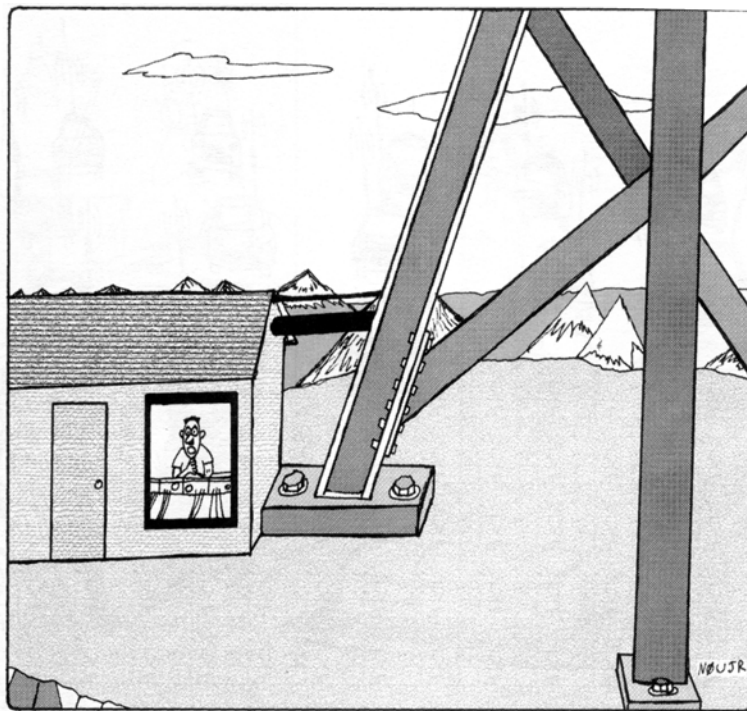
73 Smokey K5RDJ

## NØUJR and His Friends

By Greg Trook, NØUJR



"Notice Gentlemen...a sign of perhaps a bit too much power output. When I key the transmitter, it registers as a hit on the weather channel lightning locator."



"Yes I really am running just 5 watts QRP...although I suppose I do have an above average antenna system."

## ARO/AARC Meeting Place

**ARL Labs 10000 Burnet Rd.**

### ARO Speaker — September 2nd

Rick Kirchhoff, KD5ABM will discuss 802.xx wireless networking, set up and security

### AARC Speaker — September 9th

Jeff Schmidt, N5MNV, throws an old fashioned soldering party! Bring your soldering irons/guns and cable and PL-259, learn how to correctly solder those pesky things!

### Upcoming Amateur Exams

**ARRL VEC-** Sept. 6th & October 11- 9a.m. at Murchison Middle School - Take Far West Blvd. From MoPac (Loop 1) west to Hart Ln. (turn left). Then right on North Hills Dr. Enter school from South (North Hills Dr.) entrance. Contact Joe Makeever, W5HS (345-0800) or Joe Thiel, N5SMN (832-0450) for information. \$12 examination fee.

**W5YI VEC- Sept. 20th & October 18th** 2p.m. in room 109, Fleck Hall, St. Edwards University. Contact Jim Greenwood, AB5EK@arrl.net, (327-6184), <http://texasparadise.com/w5yi-austin> for more information. \$12 exam fee.

If you're not an ARRL member and are considering it, AARC/ARO will apply \$15 towards your 2003 AARC/ARO club dues if you sign up for first-time ARRL membership through the club! Take advantage of 2003 ARRL signup, join ARRL and AARC/ARO simultaneously! Single: \$44, Family: \$54 Contact Don AC5YK@arrl.net or Roger W5WIA@arrl.net for more details.

## OOPS!!!

My sincerest apologies to Joan Cox, KD4SRD and Shawn McCoy, KD5OUQ. They were the photographers of all the Field Day pictures that appeared in last months issue!

## Calendar of Events

Swapfests, etc. for 2003

**Sept 6** - HLARC Swapmeet [www.hlarc.org/](http://www.hlarc.org/) Marble Falls (note place change!) Lakeside Pavilion, 307 Buena Vista, Marble Falls Roy- K5WSC 512-715-0717, Chuck KB5YKJ 512-715-9972

**Sept 23-24** - Williamson Co. WMD SET [www.wcarc.com](http://www.wcarc.com)

**Sept 27-28** - Texas QSO Party [www.txqp.org/](http://www.txqp.org/) or email [k5cx@arrl.net](mailto:k5cx@arrl.net)

**Oct 4** - Belton Fall Ham Expo - Mike LeFan, WA5EQQ 254-773-3590 [hamexpo@tarc.org](mailto:hamexpo@tarc.org) Register on the website! [www.tarc.org](http://www.tarc.org)

**Oct 24-25** - Texoma Hamarama Herb WB5PHM [retmarine@cst.net](mailto:retmarine@cst.net)

Sept.	Oct.	Austin Meetings/Happenings	
2	7	ARO Meeting, ARL 10000 Burnet Rd. *	7:00p.m.
13	11	ARO Transmitter Hunt	7:00 p.m.
13	11	Austin QRP Club, Owens on I-35 N	11:30 a.m.
9	14	AARC Meeting, ARL Auditorium *	7:00 p.m.
16	21	ATV Club Meeting,	7:00 p.m.
20	18	QCWA Meeting Bevo's Bar & Grill+	11:30a.m.
20	25	Informal Transmitter Hunt - Contact Milton Miller	
22	27	Travis County REACT	7:00 p.m.
30	No	Travis County A.R.E.S., ARL Aud.*	7:00 p.m.

+ Bevo's Bar and Grill is where Jim's Restaurant used to be on I-35 N.

\* These Clubs meet at ARL Auditorium. See Page 5 for directions.

Visitors are welcome whether they are licensed hams or not. Other meetings or activities are listed under the headings for Calendar and for Periodic Events.

*Time Value Newsletter*

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