

# AARC OVER

## Bulletin of Austin Amateur Radio Clubs

Austin Amateur Radio Club  
Austin Amateur Television Club  
Austin Repeater Organization

ISSN 1067-0262

February 1996

Issue 96-2

### Club Meetings

Austin Repeater Organization  
Tuesday, February 6, 1996 7:30 PM.

Austin Amateur Radio Club  
Tuesday, February 13, 1996 7:30 PM

Austin Amateur TV Club  
Tuesday, February 20, 1996 7:30 PM

All these organizations meet at Luby's Cafeteria on North Loop, about a block West of Burnet Rd. We meet in the back room, about as far from the cash register as we can get. Visitors are welcome, whether licensed hams or not.

### Upcoming Events

**ARO Transmitter Hunt**, Saturday, February 10, 7:00 PM. Coordination on 146.94, hunt on 146.52.

**QCWA Meeting**, Saturday, February 17, 1996 Luby's Cafeteria, North Loop, 12:00 Noon.

### Get Well Wishes to N5ORG, Louis Pecenka

We would all like to send get well greetings to Louis Pecenka, N5ORG, who suffered a stroke recently.

### To the Austin ARO/AARC: Sincere Thanks

We were so honored to have many friends of our "radio family" attend the celebration of our golden wedding anniversary. The anniversary date of the wedding was December 24, 1945. The big celebration was Sunday, January 7, 1996. We have been blessed during these years by so many of you. Thanks for all your well wishes.. and God bless each of you.

Hal & Lois Henegar (W5MDL & Company)

### Most Worthy Citizen Award Nominations

The Club received the following letter:

The Austin Board of REALTORS® will soon be selecting an Austinite who is deserving of the 1995 Most Worthy Citizen Award. This annual award, which dates back to 1949, honors a local citizen for volunteer contributions. We are looking to the Austin community to help us find 1995's most deserving volunteer. We are asking that you announce this request for nominations in your newsletter, bulletin or at your meeting so that the Austin Amateur Radio Club will have input to the nomination process.

This year's Most Worthy Citizen will be honored at a luncheon at the Stouffer Hotel on Wednesday, March 20, 1996. This year, 20 percent of the proceeds from event ticket sales will be contributed to the recipient's non-profit organization of choice.

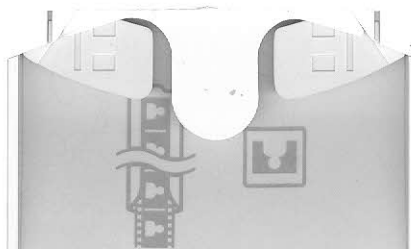
Please submit your nomination with detailed information on the candidate's present and past volunteer work to the Austin Board of REALTORS®, 4106 Medical Parkway, Austin, Texas 78756, attn: Most Worthy Citizen. All nominations must be received by Friday, February 16, 1996. We look forward to hearing from you. Contact Amy Moore at the Austin Board of REALTORS® at 454-7636 if you have questions about the award or the nomination process.

Thank you,

Dan Steakley, Chair  
Most Worthy Citizen Committee

### You Know You're a Ham When...

You give your call sign at the end of a phone conversation.



**Austin Repeater Organization January Minutes**

The meeting was called to order by Lansing Pugh [ KK5VK ], President, at 7:37, January 2, 1996. There were about 50 people present. We had several visitors.

The December minutes were approved as printed in the *AARC/Over*.

**Officer Reports**

The Treasurer was absent, so no report was presented. No problems were reported with the repeaters.

**Old Business**

None

**New Business and Announcements**

Announcements of various hamfests, including the San Antonio Swapfest 1/12/96, the Georgetown Swapfest 2/4/96, the Smithville ARRL Hamfest 2/17/96, the Victoria Hamfest 3/9/96, and the Belton Tailgate Expo 4/20/96 were made. Mac Cannary KB5VYT commended ARES volunteers for their participation in the Christmas Blue Santa deliveries and a gas leak crisis in South Austin on Christmas Eve.

Concern was expressed regarding usage of the phone patch repeaters for calling stores by a shopper looking for last minute gifts. Jim Neely WA5LHS, one of the ARO directors, said the ARO's policy still did not permit commercial access with the phone 146.88 phone patch, even though the FCC's regulations have been relaxed regarding such communications. It was suggested that the ARO's policies should be published in the *AARC/Over*.

**Program**

Larry B. Jentry [ KB4PR ] made a most informative presentation on the Texas Radio Amateur Civil Emergency Service. Larry, a technical operations officer with the Texas Department of Public Safety, serves as the State RACES Officer in the Division of Emergency Management. Larry stressed the unique role RACES has to serve government agencies in the event of emergency. He also made it quite clear that the Central Texas area needs a local RACES organization with VHF and UHF capabilities in addition to HF. Anyone interested in helping with a local RACES group should contact Larry at his office in Austin at 424-2422.

Respectfully submitted by Lansing Pugh KK5VK, ARO President.

[We are most concerned to hear that our Secretary, Louis Pecenka N5ORG, has suffered a stroke. Our best wishes for a speedy recovery Louis! -lp]

**Austin Amateur Radio Club January Minutes**

Vice President David Sprague called the meeting to order at 7:30 p.m. on January 9, 1996. The meeting was held at Luby's cafeteria on North Loop.

**Visitors**

We welcomed one visitor, William, KC5RSS.

**Minutes**

The minutes of the December meeting were approved as printed in the January *AARC/Over*.

**Officer Reports**

New Treasurer Stuart Rohre, K5KVH, reported that he had received \$30 in dues payments since assuming office. Outgoing Treasurer, John Weber, KF5OY reported the checking account balance of \$1003.76, which includes \$150.00 in the Library Book Project, and a postal balance of \$515.20. All monies owed to Summerfest by AARC have been paid and the postal account is now all the property of the AARC.

Technical Committee Chairman Ed Golla, K3AHS, reported no problems with AARC equipment.

**New Members**

New Members welcomed to the club were Jake Britton, and George E. Cree, KC5QCW.

**Old Business**

There was no old business.

**New Business**

There was no new business.

Vice President David Sprague, KB5ZEG, announced that President Gene Van Zelfden, KB5UGO, had informed him that the budget for the upcoming year will be brought before the membership at the February meeting.

**Announcements**

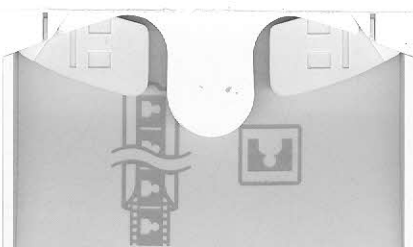
Hal Henegar, W5MDL, introduced Mike Albritton, N5SQD who introduced his son Patrick Albritton, N5WDN, who thanked the club for the scholarship which helped him attend Texas A&M this year. Patrick reported that he will graduate in May. Congratulations to Patrick for a job well done.

Vice President David Sprague, KB5ZEG, announced that the Belton tail gate expo will be held on April 20th and the Belton Fall Expo will occur on October 6.

St. John's Charity 5K Fun Run will be Saturday, February 7, at 8:30 a.m. About 10 more volunteers are needed to work from 8:00 a.m. for about 3 hours. Page Mac Cannary, KB5VYT, at 613-3306

Jim Neely, WA5LHS, announced that Mark Murray and Channel 24 are looking for a volunteer who lives within five nautical miles of Bergstrom to report weather information and keep records on a temporary basis until June. This would need to be someone who can do this every day. If you are interested contact Jim Neely at 604-3012.

Joe Fisher, K5EJL, announced that Travis Co. ARES will be conducting a traffic handling project and exercise "Heart to



Heart" at the American Red Cross February 11 and 12. If you would like to participate, listen to the ARES net on Sunday nights for further information or contact Joe.

Mickey McInnis, KB5YAC, is looking for articles of local interest for the newsletter.

Mac Canary, KB5VYT, Travis Co. Coordinator for ARES thanked the following hams for their civic response during December. Thanks to KK5VK, N5JGX, KC5NXL, KC5NKK, and KC5HKU for helping to play Santa with the Blue Santa program. Thanks also to N5SMN, N5TLY, N5EXY, and KB5UXX for their response to the call for volunteers during the gas leak that occurred on Christmas Eve in South Austin.

The Williamson Co Radio Club will hold its annual swap meet, Sunday, February 4, at 12:00 at San Gabriel Park in Georgetown. A Yaesu dual band radio will be raffled. Ticket are \$1 each and 6 for \$5.

Volunteers are needed for the MS150 Bicycle Ride on April 20-21. If you can help, contact Michael Lay, N5PTN at 252-6643 or netmail at n5ptn@bga.com.

**Program**

David Calvin, [ AC5AA ] presented an very interesting and extremely informative program on Digital Signal Processing (DSP). Thanks, David, for a really excellent program.

Submitted with pleasure,

June Parchman, KK5AM  
AARC Secretary

**January ARO Transmitter Hunt**

The January ARO transmitter hunt was held January 6 at 7:00 PM. John, KC5NXL and Lansing, KK5VK, our first fox team, started a little late, hiding among the dumpsters behind the Walgreens at Lamar and Manchacha Rd. John, KC5MUN and partner Edward, KA9LAY were the first to find him. Other teams hunting included Mickey, KB5YAC, Roger, KI5YN with Randy, KB5O, John, N5YJU, and Milton, KB5TKF with June, KK5AM.

KC5MUN hid near Westlake Dr. and The High Road. KI5YN found him first, followed by N5YJU.

KI5YN hid in a shopping center at Walsh-Tarlton and Bee Caves. KC5NXL was the first to find him. The festivities concluded around 10:30 PM and we adjourned to Jason's deli for a late night snack.

With temperatures in the 20's, it was a night for true die-hards only, particularly since most of the hunters had to put their hands out of the window to turn their quads. It was good to see such a heavy turnout.

Please join us for the next T-hunt Saturday, February 10 at 7:00 PM. The hunt frequency is 146.52 and coordination is on 146.94. Join in or listen in to find out more about this fun sport.

**South Austin W5YI VE Team Session Report  
December 16th, 1995**

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

Tommy G. Whiteside	KC5RPG	Advanced
Charlene A. Sands	KB5DHH	Technician Plus
Keith A. Yarbrough	-new-	Technician
Kristian J. Allbritton	-new-	Technician
Deborah S. Helms	-new-	Technician
Melvin H. Jones	-new-	Technician

Another applicant passed an exam element without upgrading. As a matter of fact, everyone passed every exam element they attempted!

Our volunteer examiners were:

Hugh Brown, KC5E1Y	Steve Sparks, AB5SV
Jim Greenwood, AB5EK	Carol Thiel, N5TLY
Emil Kasprzyk, KC5IZ	Joe Thiel, N5SMN
Tony Lyon, KJ5XF	Bud Thompson, KB5RBI
Marion Williamson, AC5CM	

The next session will be held on February 17 in room 109 of Fleck Hall on the campus of St. Edward's University. Our sessions start at 2:00 PM.

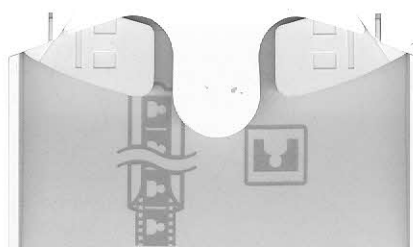
Please note that the examination fee for 1996 will be \$6.05. Call Jim, AB5EK, at 327-6184 for more information.

de Jim Greenwood, AB5EK

**AARC/Over Contributions Needed**

The AARC/Over is a little sparse this month. Your editor is running low on ideas for fillers. This is your newsletter. Please send articles, particularly those with local information to Mickey McInnis [ KB5YAC ]. E-mail is preferred at mcinnis@austin.ibm.com. US mail is welcome at 1519 Charolais Dr., Austin, TX 78758. My home phone is 339-0344, and you can catch me at most club meetings.

de KB5YAC



**Club Information**

**Austin Amateur Radio Club, Inc.**

P.O. Box 13473, Austin, TX 78711-3473

**Officers**

President	Gene Van Zelfden	KB5UGO	338-4729
Vice President	David Sprague	KB5ZEG	259-7282
Treasurer	Stu Rohre	K5KVH	255-3932
Secretary	June Parchman	KK5AM	823-1350
Activity Manager	Frank Edwards	KK5IA	255-6753

**Committees & Positions**

Technical	Ed Golla	K3AHS	255-4818
Travis County Emergency Coordinator	Mac Cannary	KB5VYT	339-9531
ARRL Public Information Coordinator	Hal Henegar	W5MDL	836-2012
ARRL Public Information Officer	Robert Barron	KA5WSS	837-4051
ARRL Public Information Officer	Roger Wines	KB5VHN	453-2193

**Austin Repeater Organization**

P.O. Box 4763, Austin, TX 78765

**Officers**

President	Lansing Pugh	KK5VK	441-0508
Vice President	John Badger	KC5NXL	442-3873
Secretary	Louis Pecenka	N5ORG	452-3522
Treasurer	Bill Montgomery	AB5HP	478-7928
Editor	Mickey McInnis	KB5YAC	339-0344

Please contact a club officer, attend a meeting, or mail us to join either Organization

The Austin Amateur Radio Club, Inc. Membership dues are \$8 per calendar year (\$10 for a family). Joint ARO/AARC dues are \$15 per year.

AARC maintains a repeater with 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 the autopatch.

The Austin Repeater Organization dues are \$8 per calendar year. Joint ARO/AARC dues are \$15 per year. Family membership is \$10 per year.

ARO maintains the following repeaters.

146.88 MHz offset -600 KHz has a phone patch. 146.94 MHz -600 KHz is used for the weather net at the request of the National Weather Service. It is used for the Swapnet and Newslines at 9 PM Sunday. 244.80 MHz -1.600 MHz 444.10 MHz +5 MHz . 145.01 MHz is the packet NetROM node, KB5PM-1 or alias AUS.

ARO maintains a TCP/IP gateway, ausgw.wb9khl.amp.org on 145.670 MHz. For AX25 connections, use WB9KHL-1.

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 the autopatch.

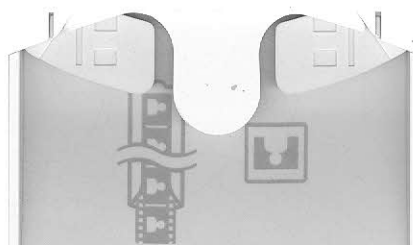
The 146.78 and 146.88 repeaters have open autopatches. Press \* and dial the phone number to place a call. Do not unkey after the \* When finished, press "#" to hang up the phone. Dial "911" (no \* needed) for emergency services. Please transmit your callsign **before** using the phone patch.

**AARC/Over Information**

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Viewpoints expressed in The AARC/Over do not necessarily reflect those of any club or its members, directors, or officers.

Members and other readers are encouraged to submit material for publication. Mail to Mickey McInnis at 1519 Charolais Drive, Austin, TX 78758, or e-mail to mcinnis@austin.ibm.com (Internet), 339-0344. Submissions may be edited for format, style and suitability. Deadline for the next issue is the Thursday following the AARC meeting. Material may be saved for later months. Unless otherwise noted, permission is granted to reprint AARC/Over articles provided that you credit the author and the AARC/Over.



# Huck's Country Store

## Running the Full Legal Limit of Power

Every amateur radio operator has at some time aspired to have a "full powered rig." It is a way of life that we sometimes hear stations that cannot hear us. What is the solution to this situation? The first thought of our mind is: More Power!

I recently worked a station on the west coast who had a 4 element beam on an eighty foot tower, running the full legal limit of power. Here I sat with about 50 Watts to a whip antenna on the roof of my RV parked in a clump of trees. My private thoughts were "We each had good signal reports, yet he had 20-30 times more power than I used." I wondered if his investment was in the same proportions of dollars. Another thought was "Is he having a proportionately larger degree of fun with his rig?" Yet we all have a desire to "fire the big gun" of amateur radio.

Some years after WW-II when salvage military radio parts were so inexpensive, I built a 1 KW CW transmitter for 40 & 20 meters. It was great! It would blank out all the radios and TV's for blocks around my house. Neighbor's fluorescent lights would burn with the switch turned off and other lights blinked with the keying. My home had to have a special circuit to supply the rig, and the antenna input stage of my receiver burned up. Hot components sent the odor of transformer varnish through the house. My small children were warned not to touch the window screens when "Dad was on the radio."

An Australian station told me that his nation had a 100 watt power limit on Amateur Radio Stations.

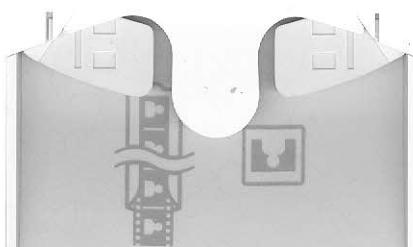
It required about 700 watts to keep my equipment alive on standby, and almost 3000 watts on key-down! This was real nice in the winter months, but somehow the thrill of "the big gun" faded in the summertime. Then the thought came, "Who wants to be a nursemaid to 3000 Watts of heat on a hot summer night just to boast of your rig?"

After a few years, I gave that rig to a young ham and built a new one that ran 200 Watts. This one, along with the receiver, used about 550 Watts on key-down and about 200 Watts on standby. Still lots of heat! As I grow much older and more wise, I'm down to 50 watts. At my rate it will soon be QRP!

The wonderful thing about this story is 56 years of amateur radio experience in which I have enjoyed the friends, and working with my mind and hands in the greatest hobby ever known!

Amateur radio operators are inventive, adventurous, courageous, generous, creative, and friendly people. This hobby is the great omnibus, a place for everyone. Our rewards have no limitations.

de "Old Huck" Huckabee, [ AA5BU ]



**Calendar**

**January**

30      ARES meeting @ Luby's at 7:30 PM

**February**

3      Ham Exams, Murchison 8:30 AM  
 4      Georgetown Swapfest 12 PM  
 6      ARO Meeting @ Luby's 7:30 PM  
 10     ARO Transmitter Hunt 7 PM  
 12 - 13 Heart to Heart ARES Traffic Handling Exercise  
 13     AARC Meeting @ Luby's 7:30 PM  
 17     Ham Exams, St. Ed's 2 PM  
 17     Smithville Swapfest  
 17     QCWA Meeting @ Luby's at noon  
 26     CTDXCC Old Quarry Library 7 PM

**March**

9      Victoria Swapfest  
 15-16 Little Rock Hamfest  
 16-17 Midland Swapfest

**April**

20     Belton Tailgate swapfest

**May**

17-19 Hamvention, Dayton, OH

**June**

2-4    Summerfest, Austin

**October**

5      Belton Swapfest, \$1 admission

**Periodic Events**

Sun	6:30 PM, Travis Co ARES net	146.94 MHz
Sun	7:30 PM, ARES Packet	145.78 MHz
Sun	8:00 PM, Williamson ARES net	146.64 MHz
Sun	8:30 PM, Travis Co ARES net	146.78 MHz
Sun	9:00 PM, ARO Swapnet	146.94 MHz
Sun	(after Swapnet) Newsline	146.94 MHz
Sun	(after Newsline) Vertical SSB net	144.225 MHz
Wed	8:30 PM Vertical SSB net	144.225 MHz
Thurs	11:30-1:00 Lunch At Holiday House	
Sat	7-8:30 AM Breakfast at Simon David Deli on Great Hills Trail	
Storm	WeatherNet	146.94 MHz

Most Austin radio club meetings are held at Luby's Cafeteria on North Loop.

The Austin Repeater Organization meets on the first Tuesday of each month at Luby's at 7:30 PM.

The Austin Amateur Radio Club meets on the second Tuesday of each month at Luby's at 7:30 PM.

The Austin Amateur TV Club meets on the third Tuesday of

each month at Luby's Cafeteria at 7:30 PM.

The Quarter Century Wireless Association meets on the third Saturday of each month at Luby's at noon.

The ARO transmitter hunt occurs at 7 PM on the Saturday following the ARO meeting. The hunt frequency is 146.52, with coordination on 146.94. 2/10, 3/9, 4/6, 5/11, 6/8.

The AARC sponsors ARRL VEC ham exams at 8:30 AM on the first Saturday of each month at Murchison Middle School. 2/3, 3/2, 4/13\*, 5/4, 6/1, 7/6, 8/7. (\*Not normal date)

Ham exams will be held at 2 PM in Fleck Hall room 109 at St. Edward's University 3001 South Congress Avenue on the third Saturday of each month. 327-6184 2/17, 3/16, 4/27, 5/18, 6/15

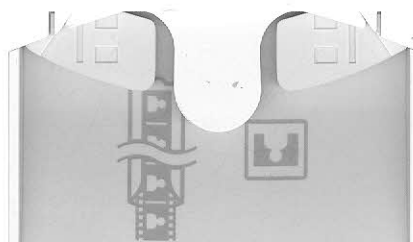
The ARO swapnet is transmitted Sunday at 9:00 PM on the 146.94 repeater. Newsline, an amateur radio news program, follows the swapfest. The swaplist is copied to WB5GHJ's packet BBS shortly after the swapnet is over.

A vertically polarized SSB net follows Newsline on 144.225 MHz. Another session occurs at 8:30 PM on Wednesdays.

The Travis County ARES net meets every Sunday night at 6:30 PM - 146.94 MHz and 8:30 PM - 146.78 MHz. A packet session is held at 7:30 PM on 145.73 MHz ( backup 145.79 MHz ) unconnected mode.

Face-to-face meeting ARES meetings are held on the fifth Tuesday of months with a fifth Tuesday at 7:30 PM at Luby's Cafeteria on North Loop 1/30, 4/30.

The CTDXCC Central Texas DX Contest Club meets at 7:00 PM at the Old Quarry Library off Far West on the 4th Monday of each month. 2/26, 3/25, 4/22, 5/20\*, 6/24, 7/22, 8/19. (\* Not normal schedule)



**Austin Repeater Organization Membership List (July 30, 1971)**

From the dusty archives of Jim Neely, WA5LHS. Thanks, Jim, for a interesting tidbit of Austin radio history

K3AHS	Ed Golla
WA5AKM	Marvn Gruesen
W5BIY	Randy Whitfield
W5CCCH	Robert S Davis
W5CGH	Alex Galbraith
W5DCS	J D (Doc) Vance
WB5DCG	Joel B Glickman
WA5DJU	Alan Schreier
WA5DKG	Clovis Womack
WA5DRO	Joe Foshee
WA5DTC	Clint Burnette
WA5EAT	Bill Oakley
W5ECB	Louis J Smykal
WA5ESR	Charles Rich
WA5EUD	Paul Ferguson
W5FIT	Sanford Musgrove
W5FJD	Gene Demuth
K5FRK	Walter Steele
W5FUA	Eric Broline Nick
WA5FZO	Harrel Robinson
WA5GCL	Erich Dolgener
K5GDH	W E Campbell Duke
W5HBM	Morgan Richards
WA5HGI	Preston James
WA5HLQ	Charles B Olive
K5JFP	Gary R Schmidt
WA5JQV	Herman Wolff
W5LDA	James F Boutwell
WA5LHS	Jim Neely
W5LHX	Pete Peters
WA5LPZ	Mildred Clopton
WA5MYZ	Chas E Henderson
W5NFC	G D (Zeke) Harvey
WA5NNE	Chas Burger
WA5OIB	Joe Honovich
WA5OIC	Gary Chmelir
W5OMP	Gene Mallard
WA5PAC	Gerald Clopton
WA5PAX	Gene Rowell
W5PKY	Bob Stracener
WA5PLH	Frank Meriwether
W5PPQ	Earl Debord
W5PRO	Chuck McCullough
WA5QBM	Leo Burris
W5QDX	Morley Bartholomew
WA5QZM	Tom Adams
K5RTI	Stan Rosenquest
WA5RVI	Danny Stone
WA5RZL	Tom Rhymes
W5SMG	Burt Perrine
WA5SYT	Nancy Broline
WA5SYU	Sherry Musgrove
WA5TMU	Victor H Sladeczek
W5TQL	Johnny Allen
K5TTF	Wm R Kirkpatrick
K5UCO	Ken Willis
K5VOQ	Elmo Sledge
WA5VTV	Mike Pendley
W5VV	Wilmer Allison
K5WWQ	Gary Poss
WA5YAN	Tom Griffy

W5YAX	Neal Cronk
WA5YCO	Myron Boyd
WA5YEA	James D Dunn
K5YFL	Gene Cahline
WA5YFN	Rudy Morris
WA5YZD	Roy Walker
WA5ZGU	S E Buck Walthall

**Codes for the 146.78 & 146.88 MHz Repeaters**

The 146.78(-) repeater (Austin Amateur Radio Club), and the 146.88(-) repeater (Austin Repeater Organization), have similar commands, but they aren't all identical. Here is a side-by-side list.

**AUTOPATCH.....146.78 MHz....146.88 MHz**

Phone Patch Access.....	*+Phone No. ....	*+Phone No.
Extend Patch for 2 more minutes....	7*3.....	-
Hang-up the phone.....	#.....	#
Custom hang-up code.....	7+3 digits.....	-
Redial last dialed number.....	7*.....	-

**Special Autodial Numbers**

Emergency.....	911.....	911
Club President .....	919.....	914
Club Vice-President.....	918.....	915
Club Secretary.....	917.....	916
Club Treasury.....	916.....	917
Club Editor.....	914.....	918
AARC Activities Mgr.....	915.....	-
AARC Roster Chair.....	913.....	-
AARC Technical Chair.....	111.....	-
ARO Equipment Committee Chair.....	-.....	919
ARRL Emergency Coordinator.....	119.....	-
Repeater Trustee.....	119.....	913
Weather Recording.....	910.....	910
Railroad gate malfunction.....	-.....	912

**Repeater**

Pass Tones through repeater.....	#-tones.....	(automatic)
DTMF pad test.....	5+tones.....	5+tones
S-meter reading.....	9*60.....	-
ID's and Bulletin Boards.....	-.....	30 to 38

**Voice Recorder**

Play message addresses.....	4*.....	-
Play message 1,2,3, etc.....	4*1,2,3, etc.....	-
Record address & message.....	4**.....	-
Erase message just played.....	4***.....	-
Record and play back.....	4****.....	-

