

Roster



# AARC OVER

## Bulletin of Austin Amateur Radio Clubs

Austin Amateur Radio Club  
Austin Amateur Television Club  
Austin Repeater Organization

ISSN 1067-0262

ARO  
AARC  
Roster

October 1995

Issue 95-10

### Club Meetings

Austin Repeater Organization  
Tuesday, October 3, 1995 7:30 PM.  
Topic: Coping with 800 MHz Monitoring

Austin Amateur Radio Club  
Tuesday, October 10, 1995 7:30 PM  
NTS Traffic Handling by Dave Effland

Austin Amateur TV Club  
Tuesday, October 17, 1995 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

**ARES Meeting** Tuesday, October 24, 1995, Luby's cafeteria, North Loop 7:30 PM

**SET** Simulated Emergency Test October 21, 1995. Travis and Williamson County ARES are planning to map communication coverage at various sites in remote areas in Travis and Williamson Counties.

**QCWA Meeting**, October 16, 1995 Luby's Cafeteria, North Loop, 12:00 Noon. Program: Land Line Telegraph, The Technology and The Tales.

### Walktoberfest

Volunteers are needed for the American Diabetes Association Walktoberfest Sunday, October 1st at the Circle C Ranch veloway. Volunteers will meet at 8:00 AM at Bowie High school and work until noon. All volunteers will receive a T-shirt, lunch, and drinks. To sign up call Jerry Henry at 441-0517.

### Newsline

Newsline, the provider of our Sunday night news program, is running out of funds. If you would like to help support this program, the address is:

NEWSLINE SUPPORT FUND  
P.O.Box 660937  
Arcadia, California 91066

### AARC/ARO 1995 Roster Included in this Issue

We have included the roster in this issue in order to save on mailing and printing costs. Contact the club treasurers listed later in this issue for address corrections.

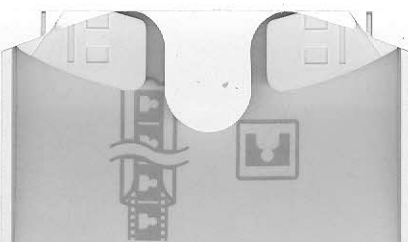
### ARRL Volunteer Exam Schedule at Murchison

The ARRL Volunteer Examination schedule for FCC Amateur Radio Licenses at Murchison Middle School for the current school year is as follows:

1995:	October	7		
	November	4		
	December	2		
1996:	January	6	May	4
	February	3	June	1
	March	2	July	6
	April	13	September	7

These examinations are sponsored by the Austin Amateur Radio Club and support AARC's status as an ARRL Special Service Club.

de Joe Makeever W5EBJ



**September Austin Repeater Organization Meeting**

The meeting was called to order by President Phil Steinbach [ WB5SUR ] at 7:30 PM September 5, 1995, at Luby's North Loop Cafeteria. There were 64 people present. Four new amateur operators were introduced.

The minutes of the August meeting were approved.

**Treasurer's Report**

Treasurer Bill Montgomery [ AB5HP ] reported the balance of \$5,524.14.

**Technical Report**

No report. The 444.10 MHz repeater is still inoperative, but being worked on.

**Old Business**

None

**New Business**

None

**Announcements**

Joe Fisher [ K5EJL ] welcomed new participants to Travis County ARES.

The business meeting was adjourned at 7:42 PM.

Respectfully Submitted  
Warren Anderson [ N5XUG ]

Secretary

**Austin Amateur Radio Club September Minutes**

President Stuart Rohre, K5KVH, brought the meeting to order at 7:30 PM on September 12, 1995. The meeting was held at Luby's cafeteria on North Loop.

**Visitors**

We welcomed a visitor, Don Baber.

**Minutes**

The minutes of the August meeting were approved as printed in the AARC/OVER.

**Officer Reports**

Treasurer John Weber, KF5OY, reported the checking account balance of \$1512.23 (this figure includes \$120.00 for our Austin Public Library Book Project), and a postal account balance is unknown because we didn't receive this month's bill from the post office.

**Old Business**

Book fund.

**New Business**

Bylaws changes. Stuart Rohre proposed the following bylaw changes. These will be discussed at the October meeting and voted on at the November meeting.

\*\*\*\*\*OLD\*\*\*\*\*

2.06. Dues. Dues of eight dollars (\$8.00) per year shall be paid by each member of the Club, except honorary members. Members who are of the same family and who reside at a common address may elect to pay a total of ten dollars (\$10.00) per year per family as dues. Dues shall be payable on the first of January each year. Anyone who is elected to membership after the month of March of each year, and who has not been a member of the Club during the three years immediately prior to election to membership, shall pay dues prorated on a quarterly basis. Members who are members of both the Austin Amateur Radio Club, Inc. and the Austin Repeater Organization may pay fifteen dollars (\$15.00) per year for membership in both clubs. Dues shall be shared equally between both clubs.

\*\*\*\*\*NEW\*\*\*\*\*

2.06. Dues. The President may present for approval changes in the amount and terms of dues at any regular meeting. Such changes shall be effective upon approval.

(CHANGE: Dues not set in bylaws.)

\*\*\*\*\*OLD\*\*\*\*\*

3.01. Annual Meeting. The Club shall hold an annual business meeting to elect officers in December, at such time and place as the Executive Committee shall select. Notice of this meeting shall be posted to all members by regular U.S. mail at least twenty days prior to such meeting.

\*\*\*\*\*NEW\*\*\*\*\*

3.01. Annual Meeting. The Club shall hold an annual business meeting to elect officers in December, at such time and place as the Executive Committee shall select. Notice of this meeting shall be posted to all members by regular U.S. mail at least twenty days prior to such meeting. No notice is required if this meeting is held on the same schedule as the general membership meetings.

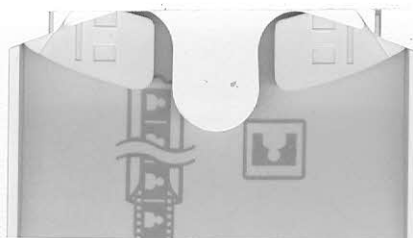
(CHANGE: no notice if meeting held on regular schedule.)

\*\*\*\*\*OLD\*\*\*\*\*

3.02. General Membership Meetings. The Club shall hold a general membership meeting on the second Tuesday of each month except December and January. The annual banquet will be the January meeting, at such time and place as the Executive Committee shall select. The general membership meeting shall commence at 7:30 p.m.

\*\*\*\*\*New\*\*\*\*\*

3.02. General Membership Meetings. The Club shall hold a general membership meeting during each month except December, at such time and place as the Executive Committee shall select. The meeting may be held at a regularly scheduled time and place. If the meeting time or place is changed, notice of the new time and place shall be posted to all members by regular U.S. mail at least twenty days prior to



such meeting.

(CHANGE: Meeting time not in bylaws, banquet not in bylaws. Banquet is not eliminated, but isn't required in the bylaws.)

\*\*\*\*\*OLD\*\*\*\*\*

3.08. Voting. Except as otherwise stated in these bylaws, all decisions at any meeting of the membership, the Executive Committee or other committees, shall be by a majority vote of a proper quorum. Voting members shall have only one vote each. No voting by proxy shall be permitted. All voting shall be by show of hands or voice vote in open meeting, except for election of officers, which shall be by written ballot.

\*\*\*\*\*NEW\*\*\*\*\*

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(CHANGE: No written ballot on officers.)

\*\*\*\*\*OLD\*\*\*\*\*

6.03. Technical Committee. The Technical Committee shall be chaired by a chairman appointed by the President. The Committee shall oversee all planning, acquisition, installation and maintenance of Club equipment and property. It shall be responsible for the maintenance of a stock of spare parts and shall prepare an annual inventory of all Club equipment and other Club property. The Committee shall provide a report of Committee activities at each general membership meeting.

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(CHANGE: No stock of spare parts.)

**Announcements**

Volunteers are needed for the American Diabetes Association Walktoberfest Sunday, October 1st at the Circle C Ranch veloway. Volunteers will meet at 8:00 AM at Bowie High school and work until noon. All volunteers will receive a T-shirt, lunch, and drinks. To sign up call Jerry Henry at 441-0517

**Program**

Vice President David Sprague, KB5ZEG, introduced John Warren [ N5TC ], who talked on the art of QSL'ing. Thanks, John, for a fine program!

David Sprague [ KB5ZEG ]  
AARC Vice President

**QST ARL ARLB086**  
**ARLB086 Quello opposes FCC cuts**

Long-time FCC Commissioner James H. Quello has opposed a proposal by Chairman Reed Hundt to close some Commission offices and reduce staff.

Quello said that while in principle he supports the idea of streamlining when possible, that he was "not prepared" to support Hundt's proposal, especially concerning staff reductions. "I am concerned," Quello said, "with the rushed timing of (Hundt's) administrative approach. I believe any reductions should have been discussed with Commissioners in advance of a one-day notice, particularly while Congress is in recess and some Commissioners are on vacation.

"In my view, any reorganization of this commission must take careful account of our core functions," Quello said, "and assure that their integrity is not compromised. I am not sure the plan described... will achieve this, particularly in light of the sharp disagreement that has arisen over the staffing and functions of the field offices of our Compliance and Information Bureau. In my opinion, there are other areas for reductions that do not involve the vital local public service of the Compliance and Information Bureau in numerous large cities.

"I will pay particularly close attention to assuring that those parts of the Commission that allocate the spectrum, safeguard its integrity, and license its use are not adversely impacted," Quello said.

The proposal would close three FCC regional offices, nine field offices, and all nine monitoring stations. More information appeared in a previous bulletin and will appear in October QST League Lines.

**AARC/Over Contributions Needed**

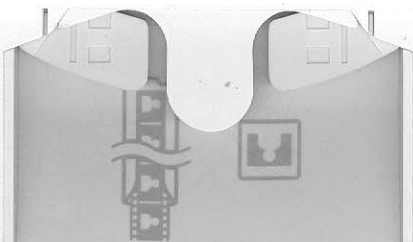
We need more contributions from members for articles for the AARC/Over. I'm running out of ideas and you're probably tired of my random babbling by now.

We are particularly interested in items of local interest, since there are other places to read items of national interest. Articles, ideas for articles, suggestions for new information, or constructive criticism will be appreciated.

**Please** make a special effort to tell me about errors that are likely to be repeated. I've had some errors that have been in the AARC/Over for months without anyone pointing them out to me. This includes things like the wrong date for an event, the wrong phone number for an officer, page numbers on the wrong side of the page, etc.

E-mail is preferred (and I'm less likely to lose your submission). Please send to mcinnis@austin.ibm.com. U. S. mail is welcome, too. Mail can be sent to Mickey McInnis, 1519 Charolais Dr., Austin, TX 78758.

de Mickey McInnis KB5YAC AARC/Over Editor



**Club Information**

**Austin Amateur Radio Club, Inc.**

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

**Officers**

President	Stu Rohre	K5KVH	255-3932
Vice President	David Sprague	KB5ZEG	259-7282
Treasurer	John Weber	KF5OY	280-1082
Secretary	Gene Van Zelfden	KB5UGO	338-4729
Activity Manager	Frank Edwards	KK5IA	255-6753

**Committees & Positions**

Technical	Ed Golla	K3AHS	255-4818
ARES Coordinator	Joe Fisher	K5EJL	926-4689
Public Information Officer	Hal Henegar	W5MDL	836-2012

**Austin Repeater Organization**

P.O. Box 4763, Austin, TX 78765

**Officers**

President	Phil Steinbach	WB5SUR	258-3215
Vice President	Jeff Schmidt	N5MNW	255-6753
Secretary	Warren Anderson	N5XUG	346-0186
Treasurer	Bill Montgomery	AB5HP	478-7928

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 Newsline at 9 PM Sunday. 244.80 MHz -600 KHz 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](http://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.

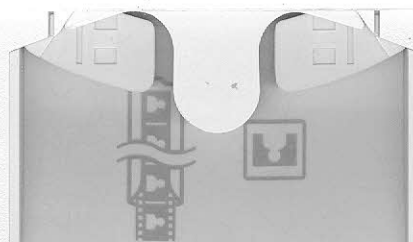
The 146.78 and 146.88 repeaters have open autopatches. Press "" and dial the phone number to place a call. Do not unkey after the "". When finished, press "#" to hang up the phone. Dial "911" (no "" needed) for emergency services. Please transmit your callsign **before** using the phone patch.

**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](mailto: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.



**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.

<b>AUTOPATCH</b> .....	<b>146.78 MHz</b> .....	<b>146.88 MHz</b>
Phone Patch Access (Max 3 minutes).....	*+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 (Travis Co).....	119.....	-
Repeater Trustee.....	119.....	913
Weather Recording.....	910.....	910
Railroad gate malfunction.....	-.....	912

**Repeater**

Pass DTMF 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 next transmission.....	4****.....	-

**Repeater Usage Policies**

ARO repeaters are intended for the use of Club members and nonresident amateur radio operators who are visiting Austin for short periods of time. AARC repeaters have a similar policy. Emergency calls or participation in club sanctioned open nets are open to all appropriately licensed amateurs.

From time to time, you may encounter nonlicensed or falsely identified operators using the repeaters. You may encounter people creating malicious interference. We suggest that you don't get into heated discussions with or about such people. Don't threaten them or talk about them. Don't give the person the satisfaction of knowing they are annoying you, since this will only encourage them. Don't talk about tracking them down, since this may make them take precautions to make it more difficult for someone else to track them down. Make notes, tape recordings, etc. If the problem becomes serious, contact the repeater trustee or a club officer.

## Huck's Country Store

### Two Wonderful Words of the English Language

Each of us have words and phrases that we like to speak and are eager to hear. It has been aptly stated that "I love you" is the most joyous phrase that we could ever hear. I trust that no one would ever argue against that phrase.

In our speech we have many other simple statements we love to speak and hear. I want to talk about two words I love to say: and I'm trusting that no one will force me to retract them. These words are sometimes spoken at the Ham Exam Sessions. Let me tell a little story as an example.

I work the Cote Test Section of the Ham License Exams. The group gathers, and as we look over the people, I see stern-faces, anxiety, nervousness, excitement, and people from all walks of life. The one central objective is to pass the code test as a step to an amateur radio license. Some look as if the examiners are the enemy. However, it is a great joy to see each student "ace the test"!

After a short practice session, everyone is mad as comfortable as possible, and all question satisfied, then the test begins. We monitor the test, but do not distract anyone. The code tape ends, and everyone is given ample time to correct or adjust their copy. Expressions may range from smiles to shock, and sometimes even tears. Papers are graded. Some may have sweat drops ( or tears ) on the paper. A few will have perfect copy, but most show evidence of stress.

The examiners look over the papers. We often don't have enough blanks filled in for "a pass", so we count characters for an "alternate pass requirement." Often it is our great you to speak the words, "You passed". What a thrill to see the face of a person when I say "You passed."

To others the words may be: "I'm sorry, not enough copy to pass." We, the examiners always give encouragement and guidance, and ask for a return session soon. The examiners who work the written session of the exams likewise have the joy and sorrow related to our work.

We examiners are volunteer workers who do this service because we want to extend and share our wonderful hobby with everyone. I personally work about eight to ten exam sessions per year. Some of the workers make 15 or more sessions per year. We are there because we want to say "You passed," and share the joy of your accomplishment.

de "Old Huck" Huckabee, [ AA5BU ]

### Amateur Communications in Emergencies

Stuart Rohre wrote the following letter in response to some questions from Anita Lopez with KVUE TV.

In response to phone call to Austin Amateur Radio Club from Anita Lopez:

Hello Anita,  
This is Stuart Rohre, President of Austin Amateur Radio Club.

Yes, Last night I spent some time tuning the Shortwave bands to see if I could be of some assistance with any messages coming out of the Carribean islands in the path of the storm, Luis.

However, at the time I was on, the signals from that area just were not being heard; but I think that was more a result of the low number of sunspots that affect short wave reception and transmission, rather than a direct result of the storm.

Of course, during the storm's initial stages, hams directly affected may not be able to get a signal out ; as the storm will tear down electric service wires and antennas.

Usually, it is immediately after the storm passes when we see radio amateurs in the affected area re-establish communication with whatever antenna they can, on emergency power. Most amateur radio sets today will operate on a car battery, thus emergency power is available to the hams for their 100 watt radios that are adequate for communications to most of the outside world, if the radio wave propagation is favorable to that area. That depends on both the sunspots and the time of day over the path of communication. Day-time or early evening would be favorable to the Carribean from Austin at this time of the year.

Once the hams in the affected area get on the air; emergency Networks, or "Nets," are set up on specific shortwave frequencies that are optimum at the time, and the first priority goes to any requests for supplies or aid that is relayed from the Hurricane disaster scene. Hams train under the Amateur Radio Emergency Service (ARES) of the American Radio Relay League, (ARRL), their national organization, to be able to efficiently handle messages in a disaster. There is also a daily network for Maritime assistance to private ocean sailors on the 14 Megahertz band. There will be a Hurricane Net when the need arises also on the 14 Mega Hertz band. Usually, this is controlled out of Miami for storms in the Carribean, if Miami is not in the path. However, if conditions there prevent communications with the hams in the storm area; any ham station who is able to hear them may

take over the relay of messages.

ARRL has a memo of understanding for emergency communications, with the Red Cross, and often Red Cross will activate Radio Amateurs to assist with their communications in the affected area.

Locally, we have such an agreement with the Central Texas Chapter, American Red Cross, where we maintain Amateur Radio Station W5KA, the club station of the Austin Amateur Radio Club. With a 65 foot tower and beam antenna system, we are able to communicate both with distant countries such as Australia or Argentina; or with Texas Disaster Operations Center, (TXDOC), at Houston Red Cross headquarters for Texas disasters, such as Gulf Coast hurricanes, or other Red Cross amateur radio liaison stations around Texas or U. S. locations. ( Local ARES nets are held weekly, and a Simulated Emergency Test for ARES is coming in October, a yearly national training exercise sponsored by ARRL. ARES is also active with City of Austin EOC at times such as Halloween on Sixth St.)

Only after the messages for aid and supplies to be sent into the affected area are completed will inquiries be attempted from those outside the storm area desiring information on persons within the affected disaster zone. The best I can advise relatives, is to be patient, and wait a day, to see if the persons in the hurricane area can get word out on their condition and location after the storm passes. In a hurricane disaster area, it is often impossible to easily get messages IN, to SPECIFIC individuals because local power, phones, and even street signs could be destroyed, and although a ham radio message going IN could reach an area, there might not be enough resources available to deliver the message. This was a problem in the large hurricane around the Homestead, FL., area a few years back, with street signs and landmarks gone, one could not determine where a street had been to deliver a message by a street address, and the phones were out besides. In the largest hurricanes that take down relay towers, even the Cellular phones are among the first to fail.

As of Wednesday afternoon, I have not been contacted by anyone inquiring about persons in the Hurricane Luis areas. However, this could change rapidly, depending on the path the storm takes. The effects of Luis stretch over an area greater than the distance between San Antonio and El Paso, thus this is a serious storm. Let us hope, that although the amateur radio operators will be ready to do whatever is needed, that this storm turns out to sea.

Thanks to all at KVUE for thinking of us! We enjoy your presentations!

de Stuart Rohre

## **Simulated Emergency Test 1995 -- What is it??**

by Joe Fisher, K5EJL  
ARES District Coordinator

The ARRL Simulated Emergency Test (or SET) is an annual emergency preparedness exercise that allows local Amateur Radio Emergency Service (ARES) groups to practice their plan of operation with other groups or "served agencies" for whom ARES provides communications. A "served agency" is any public service organization with whom the ARES

group has established a working relationship. This might be local or state government departments or disaster relief organizations such as Red Cross. The SET is locally planned in cooperation with those agencies and sometimes carried out simultaneously with the agency's disaster exercise.

Years ago there was always a heavy involvement with the ARRL National Traffic System (NTS) message traffic nets, but expanded telephone communications available to the public has reduced the demand for Health and Welfare (H&W) circuits after a disaster and SET sessions of NTS are usually at the Local level. The recent disaster in the US Virgin Islands with Hurricane Marilyn is an example of a need for H&W circuits but only several hams in the area were able to get on the air and no facilities for delivery of those messages was available.

Most SET activities concentrate on the local aspects of emergency communications and this year's event in Travis and Williamson counties is no exception. During several planning sessions of ARES groups in both counties, the greatest current need for the development of effective plans was determined to be "coverage mapping" of the repeaters in the two counties. As of right now, we do not exactly know which repeaters might be within range of any of the dozens of sites that might be a shelter or command post or similar use in a disaster. One phase of SET will be to mobilize as many stations as possible to systematically map these counties, especially the western parts.

There will be other aspects of the SET as well. Alerting, fixed facilities testing, net operation exercises, to name a few. But most important is trying to meet the goals set by the ARES Planning Committee (the EC and Assistant ECs) and making the best score in the SET. "The SCORE??" Yes, each group nationwide makes a score sheet type of report after SET to grade itself on its achievements.

All hams can help their local groups score in at least the following ways:

1. Just participate; i.e. get on the air and check in to your net during SET. If you were licensed after 1 JAN 1991, it counts more.
2. Be able to operate on emergency power of some sort.
3. Learn how to handle formal third-party written message traffic.

This years event in both counties will be centered on October 21. Other activities will occur around these dates, and may be initiated in a spontaneous manner. In any case make sure you are registered with your EC. Name and addresses follow. Look for you in SET '95.

In Travis County  
Joe Fisher, K5EJL  
5709 Coventry La  
Austin, TX 78723-3541  
512 926-4689

In Williamson County  
Dan Poggemiller, KB5TWO  
604 White Wing Way  
Round Rock, TX 78664-5963  
512 244-3919

**Calendar**

**October**

- 3      ARO Meeting @ Luby's 7:30 PM
- 7      Belton Swapfest 7:00 AM
- 7      Ham Exams, Murchison 8:30 AM
- 7      ARO Transmitter Hunt 7 PM
- 10     AARC Meeting @ Luby's 7:30 PM
- 21     QCWA meeting @ Luby's at noon
- 17     AATVC Meeting @ Luby's 7:30 PM
- 21     Ham Exams, St. Ed's 327-6184
- 24     ARES Meeting @ Luby's 7:30 PM  
(Note: Moved one week early for Halloween)
- 27     CTDXCC Little Walnut Library 7 PM

**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	146.78 MHz
Sun	9:00 PM, 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. 9/10, 10/7, 11/11, 12/16.

The AARC sponsors ARRL VEC ham exams at 8:30 AM on the first Saturday of each month at Murchison Middle School. 10/7, 11/4, 12/2, 1/6/96, 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. 10/21, 11/18, 12/16.

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 WBSGHJ'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 145.78 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 10/24\*, 1/30/96, 4/30. (\* Nor normal schedule )

The CTDXCC Central Texas DX Contest Club meets at 7:00 PM at the Little Walnut Creek Branch Library 835 W. Rundberg on the 4th Monday of each month. 9/27, 10/25, 11/29

**New On-Line Ham Magazine**

Hams with access to the Internet's World Wide Web should point their browsers at <http://www.amateurradio.com/>. That's the URL (address) of "Amateur Radio Online," a free new electronic online magazine.

Features include an on-line swapfest, news about ARRL, AMSAT, the FCC and RACES, miscellaneous other stories, callsign update, and even a listing of stolen radios. The editor is Pam Salata, N9UPN.

de Miles Abernathy, N5KOB

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