



AARC OVER

Bulletin of Austin Amateur Radio Clubs

Austin Amateur Radio Club
Austin Amateur Television Club
Austin Repeater Organization

May 1993

ISSN 1067-0262

Club Meetings

Austin Repeater Organization

meets on Tuesday, May 4, 7:30 to 8:30 PM, at Luby's Cafeteria on North Loop, one block west of Burnet Rd. Everyone is encouraged to come early and have supper together.

Austin Amateur Radio Club

will meet on Tuesday, May 11, 7:30 to 8:30 PM, at Luby's on North Loop.

Austin Amateur Television Club

will meet on Tuesday, May 18, 7:30 to 8:30 PM, at Luby's Cafeteria.

Austin QCWA

meets on Saturday, May 15, 11:30 AM, at Wyatts Cafeteria, Hancock Center.



Fine Issued for 20M Fiasco

The FCC has issued a record \$10,500 Notice of Apparent Liability to Monetary Forfeiture to Richard L. Whiten, WB2OTK, for "malicious interference to the communications of other ham radio operators." The operators the FCC says Whiten interfered with are Michael Galego, KA4MUJ, and Judith Duehring, KA1SKV, both of the anti-service net, Better Amateur Radio Federation."

The FCC's Kingsville, Texas, office had monitored and recorded a conversation on 14.314.7 MHz on 26 September 1992 and, according to the 19 January NAL, Whiten did not dispute making the cited transmissions but did deny that they "constituted willful and malicious interference."

But the FCC engineer-in-charge, Oliver Long, who issued the fine, looked at this as a simple case of Whiten interfering with other amateur communications, that Whiten has in writing admitted his guilt, and that he therefore is subject to the administrative penalty as prescribed.

The FCC gave Whiten 30 days (from 19 January) to either pay the fine or file a petition for reduction or non-imposition of the penalty. WB2OTK has stated that he has no intention of paying the forfeiture and
(cont'd on Page 8)



PO Box 4763, Austin, Texas 78765

Amateur Radio Club

Operator of Voice Repeaters on 146.28/88Mhz., 146.34/94Mhz., 223.20/224.80 Mhz. and 449.1/444.1Mhz.
Packet Digital Repeater 145.01Mhz.

Sponsor of Central Texas Weather Net, ARO Transmitter Hunt and Swapnet

CLUB OFFICERS

| | |
|-------------------|---------------------------------|
| President | Phil Steinbach(WB5SUR) 258-3215 |
| Vice President | Jeff Schmidt(NS5MNW) 255-6753 |
| Secretary | Paul Parker(NS2LX) 467-7070 |
| Treasurer | Tenia Kinney (KA5TXK) 442-8427 |
| Newsletter Editor | Your name here? ???-??? |

Ann Click, KBSRHA, Has had to step down as editor of the Monitor.

It seems that several children, a husband and working in more than one place requires more time and energy than is available.

We need to give Ann and Leroy, her husband, a big "THANK YOU" for their efforts. We'll miss them.

That also means we need an volunteer to handle the editor's job.

If you have any desire to try your hand as editor, please contact any officer or director.

ARO name badges are available again.

If you haven't received your name badge since joining ARO, you may contact Teala Kinney, KA5TXK, and make arrangements for your name badge.

Minutes - April ARO Meeting

The meeting was called to order by President Phil Steinbach [WB5SUR] at 7:30 PM at Luby's North Loop Cafeteria. There were 68 people in attendance.

Guests and visitors were introduced.

The minutes as published in the April 1993 "BULLETIN OF AUSTIN AMATEUR RADIO CLUBS" (AARCOVER)/(ARO MONITOR) were approved as written.

The engineers reported all equipment was operating OK except the digipeater.

Activities Report included:
Announcements included:Manhatten Swapfest, April 10.

Paul Kitching [KB5UXX] presented certificates of appreciation to volunteers who participated in ATV activities for the Capital 10K event. Members who participated in other volunteer support roles in the 10K event were recognized.

Unfinished business: There was no unfinished business.

New business: Louis Pecenka [NS5ORG] made a motion that a MFJ 249 SWR meter be purchased by the club to be available for loan to club members. The motion was seconded and passed. Keith Watson [WB9KHL] was designated as custodian for the equipment.

Meeting adjourned at 7:48 PM.

Submitted by Paul Parker [NS2LX]
Secretary

If you received an AARCOVER with a label indicating that your ARO dues were past due, that's what it meant. We didn't send out separate notices for ARO dues and some people overlooked it. Also, some people paid AARC dues twice thinking they were paying the correct dues. ARO dues are \$10.00 per year and any unpaid members will be removed from the mailing list and the roster.

Also, we need to correct any changes to addresses or phone numbers that are necessary. Please fill

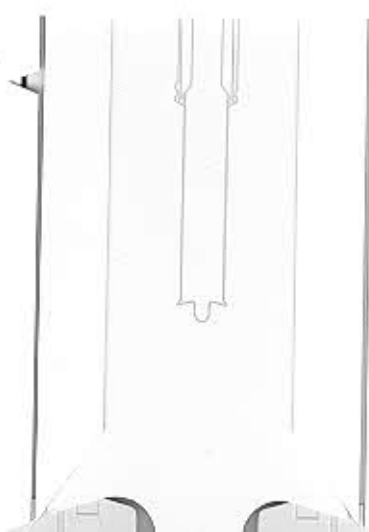
out the form below and return it to the ARO, P.O. Box 4763, Austin TX 78765, by May 10, 1993.

ARO Roster Information

| | | | |
|-------------|-------|------|-------|
| Call: | _____ | | |
| Name: | _____ | | |
| Address: | _____ | | |
| City: | _____ | | |
| St: | _____ | Zip: | _____ |
| Home Phone: | _____ | | |
| Work Phone: | _____ | | |

The next ARO meeting will be May 4, 1993, 7:30 PM, Luby's Cafeteria on North Loop.

The next Transmitter Hunt will be May 8, 1993 at 7:00 PM. The Hunt will take place on 146.52, with coordination on the 146.94 repeater. Warning, the first hunt is usually a walk up in warm weather.



Huck's Country Store

Repeater Frequency Coordination, Band Plans and Operating Customs

Frequently we find Band Plans to be a "thorn in the flesh" with respect to our personal pleasure. So what value are the various plans to coordinate our frequency usage?

Plenty, is the advantage to Band usage Planning! Without some adherence to a usage plan we would be in deep trouble.

First lets discuss SSB operation: What would it be like to have CW, Digital, TV and other modes of modulation spread throughout the SSB operating frequencies? This would destroy the reasonable use of SSB.

How about CW? Well its like this: Amplitude Phone Modulation, FM and SSB builds a nightmare to the CW operator. CW needs to be confined to its own band area.

What is the situation on DX and Contest operation? These functions are commonly confined to specific bands; or specific areas of bands. Contest operation frequently destroys entire bands on various weekends. In that everyone isn't Contest oriented, it would be nice if band sectors be selected for contests.

What a war goes on over Repeater Frequency Usage! Lets bury the hatchet and put that problem to bed. I'm thankful for the coordination that exists, as it brings our bands into a reasonable and understandable functional form.

We have other Band activity that is based on common use and courtesy. For instance, I can operate CW in most HF phone bands. However, by courtesy to my fellow hams, I do not do so.

The conclusion of these thoughts is simple. By carefully following the various frequency assignments we make Ham Radio more

predictable and enjoyable. Lets not fight against the things that improve our hobby; even if we disagree over an immediate situation. Our time can be better used on technical improvement of our minds!

de Old Huck AA5BU

South Austin W5YI VE Report

The South Austin W5YI VE Team welcomes the following newcomers to Amateur Radio, who earned their licenses at the April 10 session:

James H. Lowes Technician

Chad E. Muras Technician

Donald G. Tharrett Technician

Dana D. Tucker Technician

David G. Benefield ... Novice

The administering Volunteer Examiners were:

Emil Kasprzyk, KC5IZ

Bill Montgomery, AB5HP

Bro. Donard Steffes, KD9WI

Jim Greenwood, AB5EK

Our next sessions are scheduled for May 15 and June 19 at 2:00 PM in room 109 of Fleck Hall on the campus of St. Edward's University. Call Jim at 327-6184 for more information.

Thank you and 73,

Jim AB5EK

AARC Over

ACTIVE AUSTIN AREA REPEATERS & SIMPLEX LINKS

This is an abbreviated list of repeaters and simplex links active in the Austin area. There are many others including remote bases, repeaters, and simplex links to various services. Due to the high equipment cost of many of these systems, the operator(s) often consider them "closed". We have not listed known "closed" systems.

Six Meters FM Repeaters:

Listed as Input/Output.

52.670/53.670 Austin (WB5PCV - Linked to 146.610)

52.525/444.400 Lakeway (WB5PCV - Simplex link to 6 mtrs)

Two Meter FM Repeaters, Output is Listed:

(145.110 to 145.490) & (146.600 to 146.980) - Transmit 600 KHz down.

(147.020 to 147.480) - Transmit 600 KHz up.

145.130 Walburg (KC5US - Used for Williamson Co. Emergency Net)

145.210 Austin (AA5PB)

145.290 Pflugerville (KG5BZ)

145.410 Lakeway (WB5PCV - Linked to 146.61)

145.470 Austin (WA5VTV)

146.610 Austin (WB5PCV - Linked to 53.67, 145.41, 224.92,

& 444.00; Closed phone patch)

146.640 Georgetown (KI5EV)

146.700 Round Rock (N5MNW)

146.780 Austin (W5KA-Austin Amateur Radio Club,

open phone patch alternate weather net channel,

emergency powered)

146.800 La Grange (WA5PEV - Linked to 444.600 in Austin)

146.880 Austin (W5FQR - Austin Repeater Club, open Autopatch)

146.900 Austin (K9MBB - 3M Club-Linked to 444.600 - open 911)

146.920 Henley (W5IZN)

146.940 Austin (W5FIT - Austin Repeater Organization,

Weather Net)

146.060 Austin (WB5HNC)

147.080 Georgetown (W5EBJ)

147.100 San Marcos (N5HYR - Central Texas Traffic Net)

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- 147.140 New Braunfels(K5PWX - Central Texas Traffic Net)
- 147.180 Austin (W5EBJ - Open autopatch for 911)
- 145.010 Austin Repeater Organization - Simplex Digital Repeater
- 145.770 Marble Falls (Simplex Link to HOTROC)
- 146.440 Austin (KD5RE - Simplex Link to Southwest Lynx System)

Subaudible tone 88.5

146.520 National Simplex Calling Frequency

NOTE: HOTROC & Southwest Lynx Systems are open for general use
EXCEPT when used for Weather Emergencies. Interference
with emergencies may result a disconnected outlet.

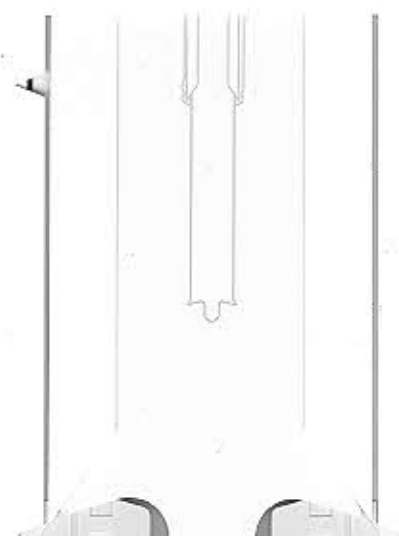
222 MHz Band:

The output is listed, input is 1.6 MHz lower.

- 223.940 Austin (W5EBJ)
- 224.600 Austin (K9MBB)
- 224.620 Austin (KA5TXK)
- 224.800 Austin (W5FIT - Austin Repeater Organization)
- 224.940 Austin (WB5PCV - Linked to 146.610)

440 MHz Band:

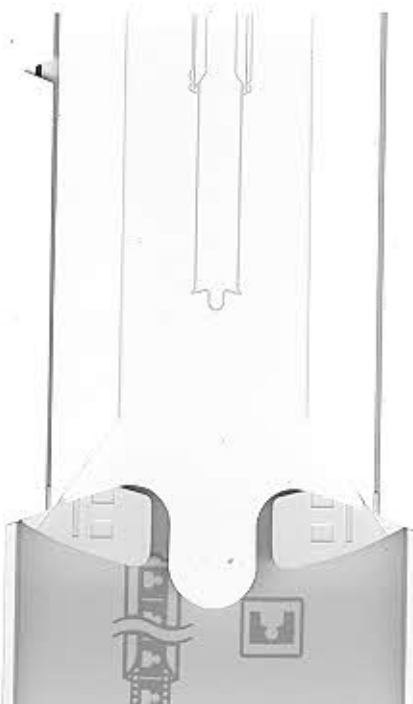
- 442.825 Austin (WD5BQH)
- 444.000 Austin (WB5PCV - Linked to 146.610)
- 444.100 Austin (WA5ESR - Austin Repeater Organization)
- 444.200 Austin (WB5HNC)
- 444.400 Lakeway (WA5PCV - Simplex Link to 53.525)
- 444.600 Austin (K9MBB - 3M Club)
- 446.000 National Simplex Calling Frequency



MINUTES OF THE AUSTIN AMATEUR RADIO CLUB, Meeting of 13 April 1993.

President Jim, WA5LHS, brought the meeting to order at 7:30 PM at the regular meeting place of Luby's on North Loop. All visitors were asked to introduce themselves, these included Richard, KB2PRT; and Sharon, N2UBV; they are from New York State and are visiting Rod, W0NDS. Also we had Steve, WA5VTT; Lloyd, N5WQK; plus John, Stephanie, and others whose names and calls were not copied. The minutes of the March meeting were approved as printed in the AARC/OVER. Officers Reports:

Our Treasurer, Dave, KG5ND, reported that the checking account contains \$3493.14 plus about \$230 in the postal account. The Manchaca swapfest last Saturday grossed about \$589 before expenses. The Chairman of the Technical Committee, Ed, K3AHS, reported that the repeater recently had locked-up in the transmit mode. It was turned off for a few hours and has not been observed to repeat the malfunction. Jim, WA5LHS, commended our Activities Manager, Steve, KB5RSY, for his organization and work at the Manchaca Swapfest. Steve thanked the many volunteers who assisted him including WB9KHL, KB5WRK, W5SYT, KB5WOA, KB5YWK, AB5FH, KB5UXX, AB5HP, N5XUD, N5YNA, KB5VYT, KB5VIN, KB5RUD, K5EJL, and others. New Members: We had a large number of new members tonight. These were Cheri, KB5QZT; Wesley, N5RTY; Anne, KB5RJN; Mark, KB5RUG; Bob, KB5SJO; Samuel, KB5SML; Peter, KB5WKF; Paul, KB5WRG; Marina, KB5WSG; Robert, KB5WSL; Sakae, KB5WZQ; Mark, KB5WZY; Mickey, KB5YAC; Jim, KB5YAD; Paul, N5ZLX; Henry, W5QDP; Philip, KB5YAA; Robert, KB5RUC; plus David, Mark, and Steve who are waiting for their calls. Old Business: None New Business: None Announcements: Jim, WB5IMB, President of the Quarter Century Wireless Club (QCWA), announced the next meeting will be Saturday, April 17. WA5LHS will present a program on the Weathernet. Miles, N5KOB, still has some ARRL Archie comic books. (He had takers for all.) Louis, N5ORG pointed out that much of the news concerning the problems in Bosnia are via ham radio operators. Jeff, N5MNW, told of local hams using direction finding equipment to locate a rig stuck in transmit mode. Jim, WA5LHS, related the results of last Saturday's transmitter hunt. Two police cars succeeded in locating the transmitter. It seems that the neighbors were suspicious of the strange activity. Pete, K5GM, wants to know who has used the G8BTQ software. Program: Vice President, Rod, W0NDS, led a panel that discussed the problems with acquiring used radio equipment. Others on the panel were Steve, KB5RSY, and Jeff, N5MNW. Suggestions included reading classified ads, the ham trader, and swapnets (both on the air and in person). Rod warned of buying from the professionals who belong to the "Rig-of-the-Month-Club". Jeff stated that a good rig for you should be fun to use. He should know, Jeff has owned about 63 in the last 5 years! Did we hear something about a "Rig-of-the-Month-Club"? He also suggested taking an "Elmer" to the swapfest if you intend to buy something. Steve has tried buying via bulletin boards and had some bad experiences. He suggests having the equipment sent COD so that it can be physically examined before paying for it. He also does not trust all 800 number companies. When obtaining computer systems, Steve suggests only using brand name monitors and noted that computer boards are very difficult to fix. All pointed out the need to "Get the Manual with the Equipment". Submitted by: Joe, N5HPC, for John, KF5OY, AARC Secretary.



AARC Over

AARC Information

Austin Amateur Radio Club, Inc.

Officers

Jim Neely, WASHLS, President442-4812
Rod Moag, W0NDS, Vice Pres.467-6825
Dave Marschall, KG5ND, Treasurer 834-1779
John Weber, KF5OY, Secretary 280-1082
Steve Sparks, KB5RSY, Activity Mgr. ... 251-7791

Committees and Positions

Ed Golla, K3AHS, Technical255-4818
Joe Fisher, K5EJL, ARES Coord. 926-4689
Steve Means, N5PSW, A/Over Ed. 452-7240
Hal Henegar, W5MDL, P.I.O. 836-2012

The Austin Amateur Radio Club, Inc., 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. Membership dues are \$6 per calendar year (\$10 for a family). Please contact an officer if you would like to join the club. Come on down to the next meeting!

Fine Issued... Cont'd from Pg. 1

plans to hire a Washington, DC attorney who specializes in communications law to fight the matter through the administrative appeals process, and if needed, into the federal court system.

Westlink Report, 2/18/93

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 are encouraged to submit material for publication... send material to the Editor at 4800 Caswell, Austin 78751 or by packet on the N5PSW BBS - 145.09 MHz. Submissions maybe edited for format, style and suitability. Deadline for the next issue is the 14th of this month. Late material will be saved for later months. Permission granted to reprint AARC/Over.

Calendar

May 1... Ham Exams, 8:30 AM, Murchison
May 1... 902-2304 MHz Sprint
May 4... Austin Rptr. Org. meets
May 11.. Austin ARC Meeting at Luby's
May 15.. QCWA, 11:30 at Wyatt's
May 15.. South Austin W5YI Exams
May 18.. Austin Am. TV Club meets
May 22-23.. 50 MHz Sprint
Jun 1... Austin Rptr. Org. meets
Jun 4-6... Ham-Com 93, Arlington
Jun 8 ... Austin ARC meeting at Luby's

Weekly Events

ARES Net... Sun., 6:30 PM, 146.94 MHz
ARES Net... Sun., 8:30 PM, 146.78 MHz
SwapNet, NewsLine... Sun., 9 PM, 146.94
Lunch... Thurs. @ Holiday House #4
U.T. Net... Thurs., 7 PM, 145.21 MHz
QCWA Net... Thurs., 8:15 PM, 147.18
Breakfast... Sat., Simon David Deli
521 Trade/Tech Net... Sat., 9 PM, 145.21
WeatherNet... as needed, 146.94 MHz

FAA & FCC Regulations,

Balloon and Payload Systems,

Applications to Education and Science,

Student Participation Projects,

Balloon Organization Development,

Payload Tracking & Recovery.

ACTIVITIES:

Friday Evening: Social Hour, Exhibits and Videos.

Saturday: Morning Sessions, Luncheon.

Afternoon Dual Track Sessions, (Technical and Education), Social Hour, Banquet, Exhibits and Videos.

Sunday: Morning Balloon Launch (conditions permitting) and Ground Station Display.

CALL FOR PAPERS:

EOSS invites balloon experimenters, educators, authors and scientists involved with high altitude balloon experiments to provide papers and presentations at the National Balloon Symposium. Papers, in electronic form, should be submitted before May 8, 1993. For additional information, contact Ann Trudeau, 15487 E. Bates Ave., Aurora CO 80013, (303) 690-1669.

DEADLINE FOR PROCEEDINGS SUBMITTAL: May 15, 1993.

FOR ADDITIONAL INFORMATION:

Contact Rick von Glahn, N0KKZ,
74620.637@compuserve.com

Ted Cline, N0RQV

-- via Internet and NSKOB