



AARC OVER

Bulletin of Austin Amateur Radio Clubs

Austin Amateur Radio Club
Austin Amateur Television Club
Austin Repeater Organization

ISSN 1067-0262

May 1995

Club Meetings

Austin Repeater Organization
Tuesday, May 2, 1995 7:30 PM.

Austin Amateur Radio Club
Tuesday, May 9, 1995 7:30 PM
Nick Broline, W5FUA will give a presentation on lightning.

Austin Amateur TV Club
Tuesday, May 16, 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.

John D. "Doc" Vance W5DCS SK

John D. "Doc" Vance, W5DCS, passed away April 6. He was born in 1903, and received his first ham license in 1933.

Ken Hollan, K5IQ SK

Ken Hollan, K5IQ, passed away April 15th after a long illness. Ken gave a helping hand to lots of local hams, particularly newer hams. I, and many other friends, will miss him.

de Mickey McInnis KB5YAC

passed away Saturday, was also known for the many talents he demonstrated in his all too short career.

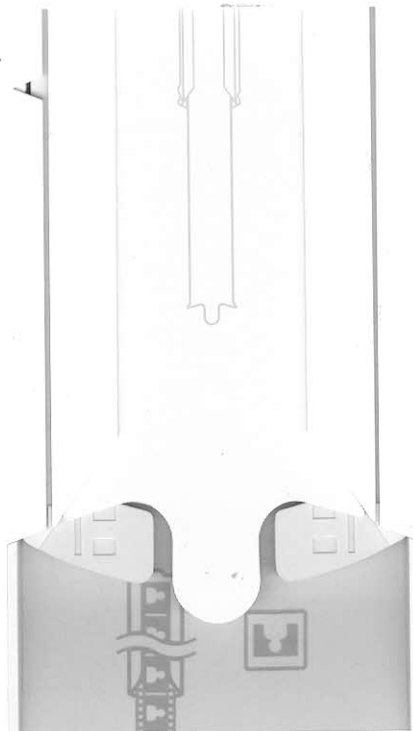
I first met Ken at a time that I could not be very active as a ham, as I was raising a family, and was an officer of my local volunteer fire department in the boom town period of Round Rock. Ken came to the Round Rock Police Department and soon became one of those in Public Safety admired by those of us in the Fire Dept. He was always a great help to us, and when there was time to talk, he was knowledgeable and helpful in the other interests he pursued.

Later, I found out Ken had gone on to teach in vocational electronics. He contributed in that field, and was always ready to assist as he did one time I remember when some technical question came up on a net. Ken immediately sent diagrams of a solution of the problem, and an offer of further help if needed. That was Ken's way, Helpful. One of the Elmers. Those who help others by sharing their electronics knowledge, and are not near recognized enough. They know they expand their own knowledge when they share by teaching, and that is a reward.

I would like to remember Ken as I first knew him, the tall, intelligent and distinguished figure he made in his uniform, and the helpful voice on the local nets. Thanks Ken for all you did in all your careers, we will miss you and share the family's loss.

de Stu Rohre K5KVH

Ken Hollan, known to the world as K5IQ, who



April Austin Repeater Organization Meeting

The meeting was called to order by Vice President Jeff Schmidt [N5MNV] at 7:30 PM, April 4, 1995 at Luby's North Loop cafeteria. There were 71 people present. Seven guests were introduced..

The minutes of the March meeting were approved.

Treasurer's Report

Bill Montgomery [AB5HP] reported \$6,854.01 in the bank account.

Technical Report

No unsatisfactory equipment performance was reported.

Old Business

None

New Business

None

Announcements

Stu Rohre [K5KVH] announced he is forming a group to help resolve TV interference complaints. Contact Stu if you can help in these matters.

The meeting adjourned at 7:47 PM.

Vice President Jeff Schmidt gave us remarks on the Capitol 10K race.

Respectfully Submitted
Warren Anderson [N5XUG]

Secretary

Austin Amateur Radio Club April Minutes

Secretary's Note:

Special thanks goes to David Sprague, KB5ZEG, (AARC Vice President) for taking down the minutes of the meeting on short notice, as I was not able to attend.

President Stuart Rohre, K5KVH, brought the meeting to order on April 11, 1995 at exactly 7:30 PM. The meeting was held at the Luby's cafeteria on North Loop.

Visitors

We welcomed twelve visitors.

Minutes

The minutes of the March 14, 1995 meeting were approved as printed in the AARC/OVER.

Officer Reports

Treasurer John Weber, KF5OY, reported the checking account balance of \$1,981.74, and a postal account of \$202.45.

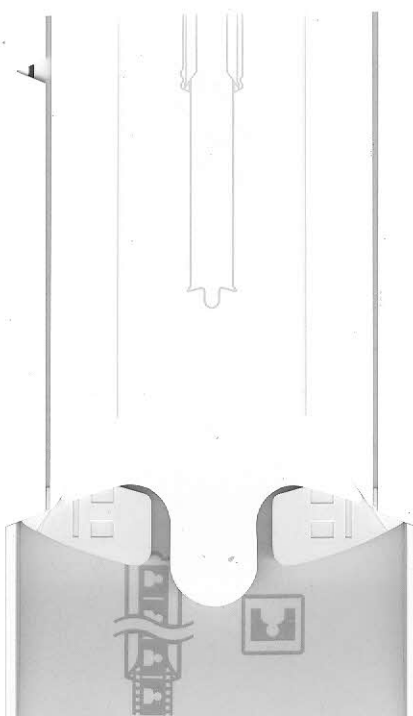
Technical Committee Chairman Ed Golla, K3AHS, reported no problems.

Activities Manager Frank Edwards, KK5IA, about the recent Manchaca Swapfest, said that the turnout was good with both buyers and dealers. All of our expenses were covered, and we made enough to put down our deposit for the facility in the fall.

Additionally, Frank mentioned upcoming Field Day. Volunteers are needed for operating as well as providing installation expertise with antennas, radios, generators, keyers, feedline, etc. Anyone interested should contact Frank at 255-6753.

New Members

None.



Old Business

Two Items:

(1) Possible Club purchase of ARRL publications to donate to Austin Public Libraries. Proposed cost: \$180.00.

(2) AARC Scholarship Committee had two positions to be filled. Elected to fill those seats were: Bill Montgomery, AB5HP, and Joyce Brein, KC5LNL

New Business

None.

Announcements

The Central Texas DX Contest Club meets every 4th Wednesday at the Little Walnut Creek Library (Rundberg & Lamar) at 7:00 PM.

Program

Frank Edwards, KK5IA, introduced Bill Sepulveda, N5EIF. His program was entitled: "The Double Bazooka Antenna". Thank you very much Bill, for an outstanding program!

Submitted with pleasure,

Gene Van Zelfden, KB5UGO
AARC Secretary

AARC Spring Swapfest

We would like to thank those who helped the spring swapfest be a success, particularly the volunteers.

We had good buyer attendance and good seller attendance outside the covered area. We raised enough money to cover our expenses for this time and the deposit for next time. We never intended this to be more than a break-even financial affair.

It was also good to see many of our on-the-air

friends in person. The swapfest is a social event as much as a trading event.

We realized afterward that we lost several key sellers because they went to the "First Saturday" fleamarket in Dallas and another event that weekend. We won't repeat that mistake. We also lost some attendance to rumors that the swapfest wouldn't be held again. **We plan to continue to hold our two yearly swapfests forever.** Please contradict any rumors to the contrary that you may hear

We are sorry that there was some confusion about handicapped parking. We'll make sure that communication about this is better next year. Ask on the Talk-in Frequency if you need help

From the AARC Officers

Thanks to Capital 10K Volunteers

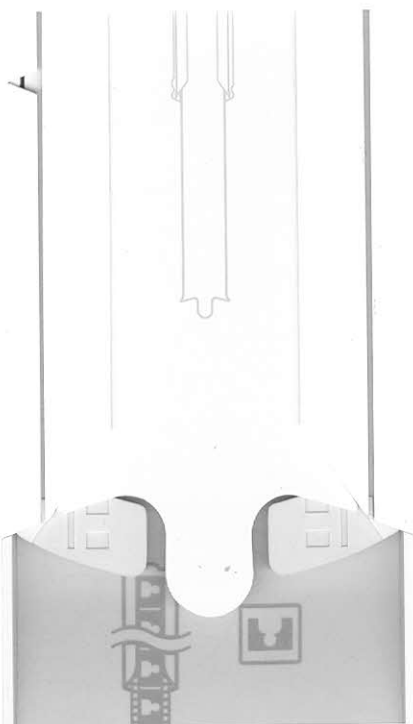
I would like to thank everyone who helped out at the Capital 10K this year. We had over thirty stations active in the net, many were new to the chaos of a 20,000 runners and 2000 volunteers versus 30 hams armed only with HTs .

A special thanks to Jeff, N5MNW, for handing out all the stuff and warming up the net. Also David, WD5FGZ, for his help in setting up the Parks and Recreation communications and Paul, KB5UXX, for the neat map.

This year the packet crew, headed by Mac, KB5VYT, operated three sites passing information to the command tent on last minute sign-ups. This information included personnel information and emergency phone numbers.

At one time during the race there were 9 medical concerns active. They ranged from a pulled muscle, but not so life threatening to get in the way of the TV interview, to a coronary. These were all posted on our Net Control board. EMS and the Race officials used this board to get their information.

Half way through the net this year I realized



that it was very hard to tell the difference between the old timers and the newbies on the net, keep up the good work. Thanks again for a job well done.

Mike,
WA5VTV

Frequently Asked Questions
Installment #3 about TCPIP,
Austin Gateway and Digital Repeater

by Dick Kriss, KD5VU
kd5vu@MoonTower.com or
kd5vu@ausgw.wb9khl.ampr.org 14-Apr-95

This is the third installment of the FAQ about the Austin Repeater Organization sponsored Austin Gateway and the Digital Repeater.

Q: What is the current status of the new Austin high speed gateway and digital repeater project?

A: The project ran into some major software problems that slowed the completion of the Phase I gateway. The club's new hardware is working great. The JNOS software is working good too; however, the technical committee had some problems with the mail. Rather than go into the nitty-gritty, I will address the interim fix and what users need to do to help until the glitch is corrected. Joe, n5smn, and Henry, kf5rf, suggest that we have mail addressed to us at the gateway

(kd5vu@ausgw.wb9khl.ampr.org)

rather than the redirected format

(kd5vu%kd5vu.ampr.org@ausgw.wb9khl.ampr.org).

They also request that you use the full address with the '.ampr.org'. If you fail to use the .ampr.org, your mail may wind up the bit bucket.

Q: How about the new Phase I antenna for ausgw?

A: As noted last month the club's new antenna is installed, but was not attached to the radio. The reason for the delay is Keith, wb9khl, wanted to be sure the software was working correct before moving the gateway station to

the top floor of the building. The software is working better and the new antenna will be operational before this is published. Let's hear some signal reports. <kd5vu>

Q: How about some help with undocumented jnos commands?

A: JNOS has good built-in docs but they are not always easy to find and some tricks are not documented. First, there are two sets of HELP files for jnos. Some can be found at the jnos prompt and mail related commands are at the BBS prompt. <kd5vu>

Q: How do I send a copy of a message to another station?

A: This is one of the undocumented jnos commands. The standard command to send a message at the jnos prompt is the 's' for send. If you want to send to one station with a copy to another, use 'sc' for Send Copy and enter the first address. When you hit RETURN, jnos will ask you for the second address. Works slick, try it. <kd5vu>

Q: How do I access the World-Wide conference bridge?

A: Try the following:

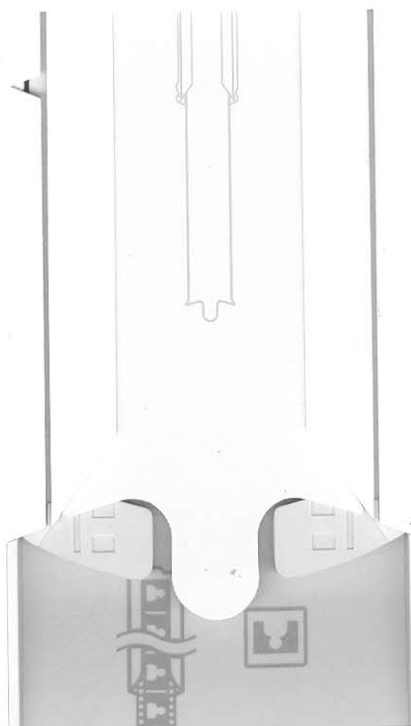
```
gnos> ttylink n5smn 3600
```

When you are connected, jnos will ask you to login using '/n call' and this means you enter '/n yourcall'. Then do a '/help' and you will be given the commands to talk to people all over the world. If you want to know who is on-line, enter '/who quick'. Don't forget to logoff with '/bye'. <kd5vu>

Q: I do not have the tcpip software. Can I still use the gateway?

A: Yes, just connect to wb9khl-1 and test out the gateway. Remember the gateway is not a full-service BBS like John Q. Adam's W5SYT. <kd5vu>

Lets see some more questions. If you have tcpip software on your machine, use 's kd5vu@ausgw.wb9khl.ampr.org'. If you are using ax.25, just connect to WB9KHL-1 and use's kd5vu and DO NOT use upper case characters. 73 de Dick, KD5VU <sk>



The End of USCG CW

Yesterday evening (3/31/95), I attended a ceremony at the U.S. Coast Guard Communication Area Master Station Atlantic - NMN, in Chesapeake, Virginia, commemorating the closing of CW operations by the USCG. The amateur radio fraternity was well represented at the ceremony, including keynote speaker, Joseph V. Gardner, PhD, K7CI, who incidentally is a past winner of the "Best Fist" award on Straight Key Night. Society of Wireless Pioneers President and QCWA Vice President Jack Kelleher, W4ZC, Al Brogdon, K3KMO, Managing Editor of QST, and Alan Dorrhoffer, K2EEK, Editor of CQ Magazine were also in attendance.

The final message sent by NMN went out at 0001Z and is as follows:

CQ CQ CQ DE NMN NMN

BT

0 010001Z APR 95

FM COGARD CAMSLANT CHESAPEAKE VA/NMN TO ALL

BT

USCG NOW CLOSING DOWN CONTINUOUS HFCW WATCH CEASING ALL MORSE CODE OPS IN THE HF BAND. AS WE CONCLUDE OUR WATCH WE WISH THE MARITIME COMMUNITY FAIR WINDS AND FOLLOWING SEAS. WE ARE PROUD OF OUR TRADITION AND LONG STANDING SERVICE TO THE MARINER ON MORSE CODE BEGINNING IN 1901 WITH THE REVENUE CUTTER SERVICE EXPERIMENTING WITH WIRELESS AS A MEANS TO COMMUNICATE ON LAND AND SEA TO THE FIRST MORSE CODE RADIO INSTALLED ABOARD CUTTER GRANT IN 1903. OUR ORIG COMMS MISSION WAS TO RCV DISTRESS ALERTS. BUT SINCE 1901 THE CG HAS FAITHFULLY AND DILIGENTLY LISTENED FOR TRAFFIC RESPONDING TO HUNDREDS OF THOUSANDS OF CALLS FM MARINERS IN NEED OF ASSIST OR RPTG POSITION WX NAV OR SAFETY INFO. OVER THE YRS WE HAVE PROVIDED MARINERS WITH URGENT SAFETY AND NAV WARNINGS OVER HFCW AND RCVD VESSEL LOCATION UPDATES FOR THE AMVER SYS. WE WILL FEEL A SENSE OF LOSS WITH THE PASSING OF CW. THE NEED FOR OPERATORS WITH SENSITIVE EARS AND A FAST PRECISE KEY WILL BE REPLACE BY COMPUTERS MODEMS AND AUTO ALARMS. THE SPECIAL EMOTION AND EXCITEMENT ENJOYED BY CW OPERATORS CANNOT BE DUPLICATED AND THE CHILLING S O S SIGNAL WILL NEVER AGAIN BE RCVD BY A CG UNIT. BUT CW HAS RUN ITS COURSE AND NOW WE LOOK FWD TO SERVING YOU ON THE NEXT GENERATION OF COMM SYSTEMS VIA THE GMDSS. FM ALL CG TELECOMM SPECIALISTS WE BID YOU A 73. WHAT HATH GOD WROUGHT. SIGNED CG CAMSLANT.

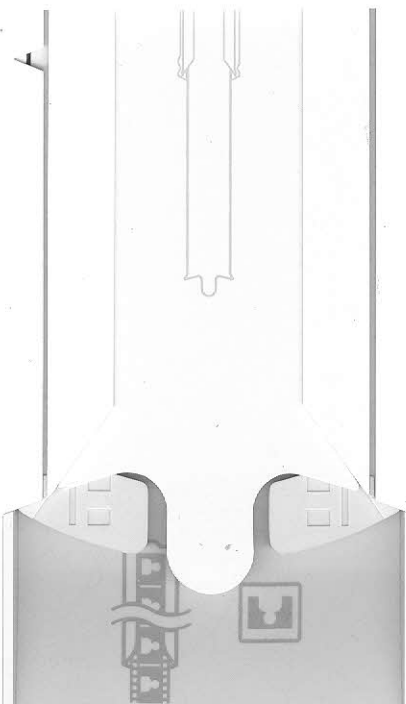
BT

DE NMN VA

<END QUOTE>

73,

Tony Stalls, K4KYO



My First SOS at NMO

In the following true narrative the ship's name and her callsign have been changed. I would rather that her and her crew continue to sleep peacefully in their Pacific Ocean grave.

As mentioned in an earlier article, I always sat the 12 hour 500 kc night watch on my duty nights; I loved listening to the steady flow of calls from ships in far off waters. Even though we sat in the Central Pacific I would sometimes even copy a fluttery East Coast US shore station. Throughout the night I would hear ghostly signals, just above the noise level, that would fade in and out from who knows where. We used a Beverage-type long wire that stretched over one mile in length, and NMO sat in a very electrically quiet region. We were able to copy any ship or shore station anywhere in the Pacific.

One evening, feeling a bit drowsy (0200 local!), I thought I was dreaming when I heard a long dash, a pause, another long dash, a pause, another long dash, a pause, Like an electric shock, adrenaline flooded through me at the speed of light - OH MY GOD - SOMEONE IS SENDING AN AUTO ALARM! My eyes shot to the clock to time the dashes: 4 seconds on, 1 second off, 4 seconds on, 1 second off - those 12 long dashes almost froze me. I yelled into the intercom to the chief 'Auto Alarm on 500' knowing at the same time alarm bells were ringing on board every ship scattered around the Pacific within radio range of the distressed ship. Recall that when a shipboard operator goes off watch, ITU rules dictate he leaves a receiver tuned to 500 kc with a decoder attached - if that decoder hears at least four 4-second dashes each with 1-second separation, relays in the decoder will clamp shut triggering alarm bells in the radio room, in the radio officer's sleeping quarters, and up on the bridge, to warn of a distress message about to be sent on 500 kc. Auto Alarms are *never* sent except when a ship is in distress. This was the first one I'd heard since my radioman school days; I can't put into words the terror I felt while sitting out the ITU-required 2 minute wait (recall that the ITU dictates every step the distressed vessel's radio officer takes: Auto Alarm, then the 2-minute wait [if possible] for off-duty ops on other ships, woken by their Auto Alarm receivers, to race to their radio shacks to copy the distress). 500 kc was now in an extended silent period. Someone started tuning up and was immediately pounced on by myself: QRT SOS was all I needed to send - dead silence. One of the Australian shore stations was sending a CQ at the same time the AA went out - he must have heard the AA through his CQ for he stopped in mid broadcast. Nothing but an occasional static crash - dead silence. Throughout my brief 500kc career there had never been a silence like this I thought. Then it came:

SOS SOS SOS CQ DE DJNK DJNK DJNK SOS BT MV PANAMA TRADER HULL
 CRACKED IN HEAVY SEAS MAJOR FLOODING 42-27N 42-27N 178-51W
 178-51W NOW ABANDONING SHIP SOS BT MASTER AR K

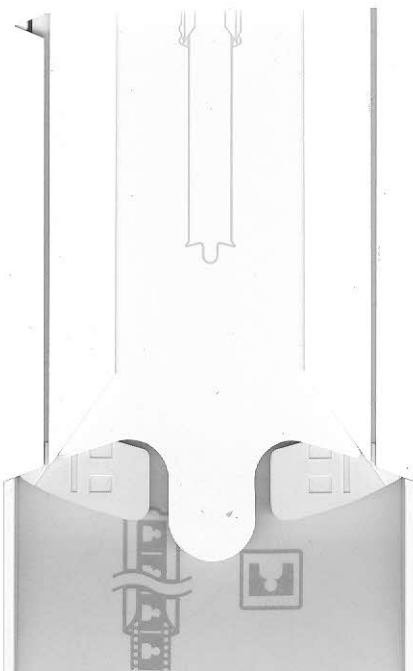
Then came the 10 second-long dash (ITU: for direction finding).

I was first - in A2 I sent:

SOS DJNK DJND DJNK DE NMO NMO NMO RRR SOS

and after me 500 kc was flooded with ships and shore stations sending the ITU response, RRR SOS:

SOS DJNK DJNK DJNK DE NMC NMC NMC RRR SOS	(San Francisco)
SOS DJNK DJNK DJNK DE NOJ NOJ NOJ RRR SOS	(Alaska)
SOS DJNK DJNK DJNK DE NMQ NMQ NMQ RRR SOS	(Long Beach, CA)



AARC/Over ARO Monitor

SOS DJNK DJNK DJNK DE KPH KPH KPH RRR SOS (San Fran.)

<ITU dictates a strict format to follow in distresses - from now on every transmission must be preceded with the SOS prosign>

along with KFS in California, NRV in Guam, a couple Japan shore stations; the radio operator aboard DJNK must have breathed a sigh of relief and taken some comfort knowing his message was heard by so many.

Once the RRR SOS replies ceased NMO took control; I asked the standard questions for situations such as this:

SOS DJNK DE NMO BT NEED FOLLOWING INFO
NR OF POB (number of persons on board)
CSE (course)
HULL ES SS COLOR (hull and superstructure colors)
NR OF BOATS (number of lifeboats)
BOAT RADIO FREQS, EPIRB
WX, WIND SPD ES DIR, SWELL HT ES DIR, CURRENT (weather and sea data) BT SOS K

and DJNK patiently answered each.

After getting these important answers I had the uncomfortable task of asking:

SOS DJNK DE NMO BT OM PSE CL UR KEY WHEN U LV OK? K

SOS NMO DE DJNK WILL DO OM

Every shipboard telegraph key has a switch which, when closed, will cause the ship's radio to continuously transmit. This enables rescue aircraft to home in on the distressed vessel using their direction finding equipment. I had asked the op to close his key switch before he leaves the ship.

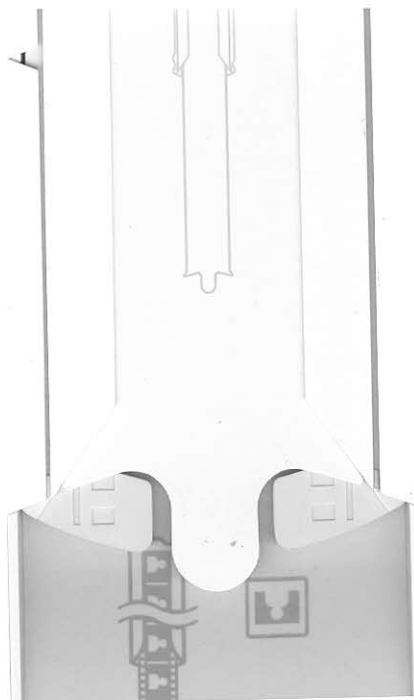
At the same time our AMVER computer was generating a printout of the locations of ships transiting the North Pacific: No ships were in DJNK's area! At least no AMVER reporting ships; it's possible there was a ship close to DJNK that wasn't sending us his AMVER position reports. A very slim possibility but a chance we couldn't ignore. I was ordered by our Rescue Center to send the DDD SOS, i.e. to relay DJNK's distress message from our 10 kW transmitter. In A2 I sent:

AUTO ALARM (12 four second dashes with a one second pauses)

then with my hand shaking, clenching the key:

DDD SOS SOS SOS DDD CQ DE NMO NMO NMO SOS BT <DJNK's message> BT
ANY SHIPS IN AREA DIVERT AND ASSIST SIGNED US COAST GUARD AR DDD
SOS K

Dead silence reigned for minutes that seemed like hours. An awful, awful feeling of helplessness overcame me as I sat in that chair with the entire NMO crew standing in silence - all of us knowing at that very moment men were perishing in an icy ocean...



Already we had aircraft in the air heading to DJNK's position so I notified him:

SOS DJNK DJNK DE NMO NMO BT USCG AIRCRAFT LAUNCHED TO UR POSN
ETA 3 HRS BT HOWS UR COND? K

SOS NMO DE DJNK HV TO LEAVE SHIP NOW TU OM FER <high pitched
whine>

His transmitter had emitted a - a scream - it actually screamed! I turned to the Chief asking "Is that...?" "Yes, the ocean water just flooded his radio room shorting out his transmitter and batteries."

I couldn't accept this - the man at that key couldn't have just perished! I sent:

SOS DJNK DE NMO <silence>
SOS DJNK DJNK <silence>

At this point the Chief put his hand on my shoulder and only said "He can't answer you - he's gone."

Throughout the night at regular intervals I continued to send the Auto Alarm and the DDD SOS hoping for a response from any ship close to DJNK's position. None came. At daybreak our aircraft reported seeing only debris: bales of hay, which was the cargo of DJNK; no lifeboats, no bodies, only debris.

Even to this day I sometimes hear, in my sleep, the scream DJNK's transmitter emitted that terrifying and horrible night. I pray the crew of that ship rest in peace.

de Jeffrey Herman, NH6IL

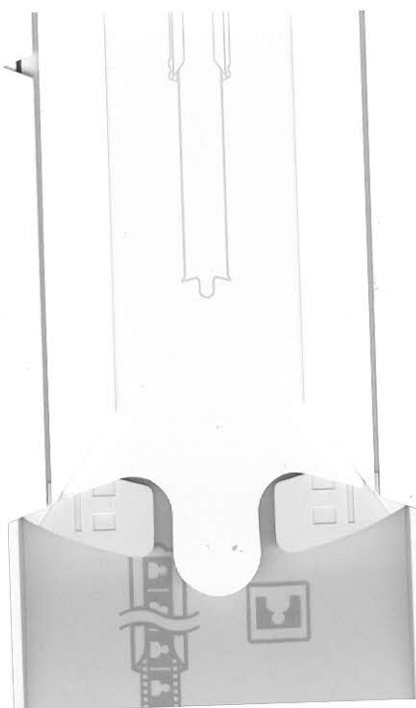
Editor's notes

Due to some last minute additions to this month's AARC/Over, the article that Huck Huckabee sent me for "Huck's Country Store" will be printed next month. I would like to thank Huck for the interesting articles he writes.

I would like to thank all the people who are sending me information for inclusion in the AARC/over. I've still got lots of interesting articles that I would like to print that have been "pushed out" by the more mundane "business" items that we have to publish. PLEASE DO keep sending me articles.

Suggestions for improvement are always welcome. See my address, etc. on the Club Information section.

de Mickey McInnis K5YAC



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	346-8727
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	N5MNV	255-6753
Secretary	Warren Anderson	N5XUG	346-0186
Treasurer	Bill Montgomery	AB5HP	478-7928

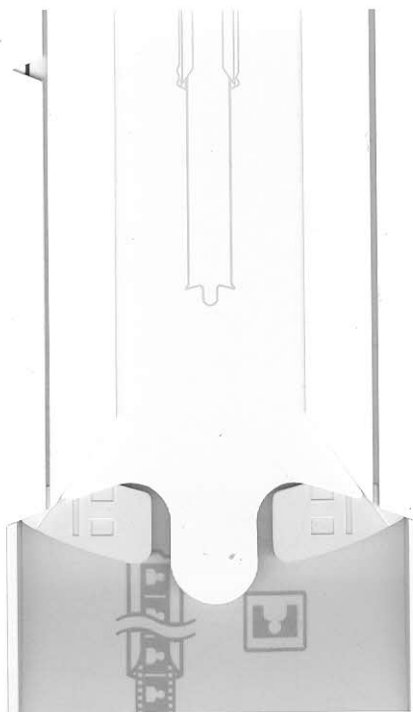
Please contact a club officer or attend a meeting to join either Organization

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.



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.

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 digital repeater.

Autopatch Use

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.

South Austin W5YI VE Session Report

The South Austin W5YI VE team congratulates all of the twenty-four people who earned new or upgraded amateur radio licenses at its March 18th session:

Robert G. Allen	KC5FZM	Advanced
John M. Bradley	KC5MUH	Advanced

Greg D. Duepner	KC5EQE	General
Ishmael T. Gonzalez	KB5AVB	General
Marion B. Williamson	-new-	General
Pat C. Corbett	-new-	Tech Plus

The following people earned first time Technician class licenses:

Albert J. Alexy, Alison J. Alexy, Audra G. Alexy, Philip N. Bocock, Michael C. Butler, Richard B. Christensen, Jack M. Haynes, Charles D. Land, Keith R. McCullough, Daniel O. Meek, Patrick H. Mladenka, Roger J. Myers, Ron A. O'Hara, William M. Pittman, Charles A. Schmidt, Dennis F. Stangel, Michael P. Sunderman, Daniel K. Yantis

One other passed at least one examination element without upgrading.

The volunteer examiners were: Bob Basinger AB5OC, Hugh Brown KC5EIJ, Lloyd Goehring N5HYR, Jim Greenwood AB5EK, Emil Kasprzyk KC5IZ, Scott McCreight AB5KS. Carol Thiel N5TLY, and Joe Thiel N5SMN.

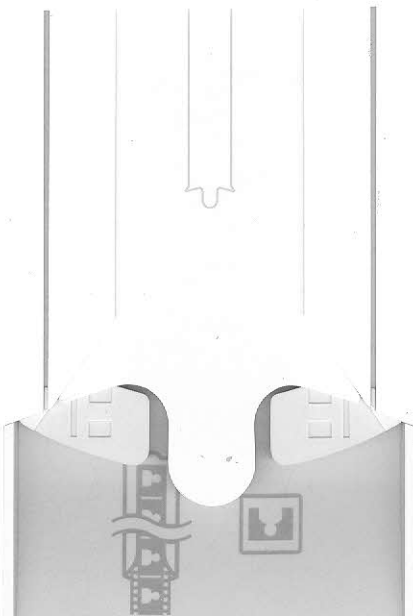
April 1 session at the AARC Spring Swapfest at Manchaca:

Daniel R. Standard, Jr.	KK5LT	Extra
Steve M. Fridley	KB5WSJ	Advanced
Robert C. Adair	-new-	Tech Plus
Paula H. Coker	KB5LGQ	Tech Plus
Richard D. Loveman	-new-	Technician
Jimmie R. Luker	-new-	Technician
Robin L. MacMillian	-new-	Technician

The volunteer examiners were: Hugh Brown KC5EIJ, Lloyd Goehring N5HYR, Jim Greenwood AB5EK, Bill Montgomery AB5HP, and Lloyd Walls, WA1PRY.

Our next sessions will be at 2:00 PM in room 109 of Fleck Hall on the campus of St. Edward's University on April 29th, and May 20.

For more information on any of these call Jim, AB5EK, at 327-6184.



Calendar

May

- 2 ARO Meeting @ Luby's 7:30 PM
- 6 Golden Spread Hamfest Amarillo
- 9 AARC Meeting @ Luby's 7:30 PM
- 16 AATVC Meeting @ Luby's 7:30 PM
- 20 QCWA meeting @ Luby's at noon
- 20 Ham Exams, St. Ed's 327-6184
- 24 CTDXCC Little Walnut Library 7PM

June

- 9-11 Dallas Hamcom

August

- 4-6 Austin Summerfest

September

- 23 AARC Fall Swapfest at Manchaca

Periodic Events

- Sun 6:30 PM, ARES, 146.94 MHz
- Sun 7:30 PM, ARES Packet, 145.78 MHz
- Sun 8:00 PM, Williamson Co ARES net 146.64 MHz
- Sun 8:30 PM, ARES, 146.78 MHz
- Sun 9:00 PM, SwapNet, 146.94 MHz
- Sun (after Swapnet) Newsline 146.94 MHz
- Sun (after Newsline) SSB net 144.225 MHz
- Wed 8:30 PM SSB net 144.225 MHz
- Thurs 7:00 PM, UTARC Net, 145.21 MHz
- Thurs 11:30-1:00 Lunch At Holiday House on Airport Road
- 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. 5/6, 6/10, 7/8.

Ham exams are held at 8:30 AM on the first Saturday of **odd numbered months only** at Murchison Middle School. There will also be a session in April. 5/6, 7/1, 9/2, 11/4.

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. 4/29, 5/20, 6/1, 7/22, 8/19, 9/30* 10/21, 11/18, 12/16 . (* Not regular week)

The ARO swapnet is transmitted 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. 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 5/30, 8/29

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. 5/24, 6/20, 7/26, 8/30, 9/27, 10/25, 11/29.

