

Editor: Joseph D. Fritz, KD4RWX

CHARLOTTESVILLE (Albemarle County) VIRGINIA

Tuesday

OCTOBER CLUB MEETING**October 11, 1994****7:30 p.m.****OFFICER AND DIRECTOR ELECTIONS****Program Topic: AMTOR****Bob Blodinger, W4NPX**

National Radio Astronomy Observatory (NARO)
Edgemont Road on the UVA campus

ALBEMARLE AMATEUR RADIO CLUB'S ACHIEVEMENT AWARDS

These awards denote special achievement in the area of service to the Club, the Community, and/or Amateur Radio. These awards are nominated by the Club membership and decided upon by the Awards Committee and the Board of Directors unless otherwise specified. These awards are presented during the annual Winter Dinner Meeting, usually held in January.

LIFE MEMBERSHIP - This is awarded to an individual who has demonstrated a very high degree of dedication to Amateur Radio and the Club. Those so honored shall have full membership for the life of the individual. He/She shall retain all rights and privileges conveyed by full membership, but shall not have any financial obligations insofar as dues are concerned.

THE PRESIDENT'S AWARD - This award is determined and presented by the Club President. He or She may present this award if he/she feels a particular individual is deserving of special recognition. This award is solely the domain of the Club President and only the Club President may award it.

THE HAM OF THE YEAR AWARD - This award goes to the individual who, through dedication and hard work, exemplifies the best of what an Amateur Radio Operator should be. The recipient is nominated by the Club membership and selected by the Awards Committee and the Board of Directors.

THE ELMER CERTIFICATE - This certificate is awarded to any individual who is nominated by a new Ham (A Ham who has received his/her license within the 1 1/2 year period prior to December 31st of the current year.). This certificate is the official "Thank You" for helping the new Ham get a good start in Amateur Radio.

THE PUBLIC SERVICE AWARD - This award is presented to those individuals who participate in a specified number of public or community service related activities which the Club participates in either as the AARC, or as in the local chapter of ARES or RACES. Examples would be bike races, NOAA disaster drills, triathalons, walkathons, 911 Emergency Preparedness drills, etc. Each event counts 1 point. 10 are necessary to obtain a certificate. For each additional 10 events, the original award will be upgraded with a seal or sticker. Upon reaching 50 events, a plaque will be awarded and bars added for every additional 50 events. You need not apply for this award. A database has been created and all event participants will be recorded at the end of each year's schedule. Please note that you **MUST WORK** the event. Simply showing up and standing around just in case **WILL NOT** qualify you to earn points toward the award **UNLESS** so stipulated by the Event Coordinator or Public Service Committee Chairman.

Please review the above AWARDS and see if you believe any person or persons in the Club seems to fit the criteria. If the award requires a nomination, you should then make your nomination. The Public Service Award is automatically prepared for those who meet the criteria.

Because some of the Awards require the preparation of a certificate or a plaque, the deadline for submission of nominations is November 18th. Please send your nominations to Chairman of the Awards Committee:

Joseph D. Fritz, 2306 Williamsburg Road, Charlottesville, Virginia 22901-1431



THE AMATEUR'S CODE

The Radio Amateur is:

CONSIDERATE...never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...offers loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE...with knowledge abreast of science, a well-built and efficient station and operation above reproach.

FRIENDLY...slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED...radio is an avocation, never interfering with duties owed to family, job, school, or community.

PATRIOTIC...station and skill always ready for service to country and community.

--The original Amateur's Code was written by Paul M. Segal, W9EEA, in 1928.--

OCTOBER 1994							
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
The October meeting will when next year's officers are elected and committee reports are presented.							1 KN4FM
2 DIABETES WALK_AM HEART WALK_PM	3 INFO-NET 7:00 pm	4 Board Meeting & Technical Session 7:00 PM	5 Lunch Bonanza 11-1 KD4HBX	6 ARES NET 8:00 PM	7	8	
9	10 INFO-NET 7:00 pm	11 AARC MEETING ELECTIONS & AMTOR	12 Lunch Bonanza 11-1	13 ARES NET 8:00 PM KD4KWE	14	15	
16 T-HUNT 1:30 PM	17 INFO-NET 7:00 pm	18	19 Lunch Bonanza 11-1	20 ARES NET 8:00 PM	21	22	
23	24 INFO-NET 7:00 pm KB4JUN AC4ZQ	25	26 Lunch Bonanza 11-1	27 ARES NET 8:00 PM	28	29 N4TAV WB4RBW N4MKW	
30 KE4BVR	31 INFO-NET 7:00 pm						

1994 AARC TREASURER'S REPORT SUMMARY

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
CLUB	1427.13	1573.13	2000.13	2047.45	1983.77	2089.45	2220.45	2195.45	1972.83			
REPEATER	995.89	1041.33	1165.86	1205.86	1486.27	1897.42	1969.57	2364.57	1871.90			
PACKET	5.00	10.00	55.00	0.00	0.00	0.00	0.00	0.00	300.00			
TOTALS	2428.02	2624.46	3220.99	3253.31	3470.04	3986.87	4190.02	4560.02	4144.73			

* Interim Report only. Official report will be provided at the next regular meeting.

Sharon (KO4OC), Treas.

Veeps Corner

Well, it sure was a great day for a picnic. Lots of people and LOTS of food. I don't think I have eaten that much since I was a teenager. It was great seeing Clay (W4LNT) and Nancy (KD4LSU) there and I thought Clay was looking very healthy. Also, a great pleasure seeing Mac (K4UHW) again. It has been a long time and he was looking very well after all the trouble he has been through. Wouldn't it be terrific if we could have that kind of weather for every picnic.

Our speaker for the October meeting will be Bob (W4NPX). He will be talking about AMTOR and other associated subjects. It should be very interesting. As I understand it AMTOR is another system for traffic handling and there are a lot of Hams involved in it.

The repeater is being constantly upgraded thanks to Sam (N4WJQ) and Hein (N4FWA). Also, I think Miles (N4YEQ) should be included because he seems to always be there to help. I guess the BBS is still working well, although I have been having a problem connecting to it lately. I think the problem is mine and not the BBS equipment.

That's about it for now. Enjoy this beautiful weather and stay well and healthy. 73, Rick (K04WQ)

BITS AND PIECES

T-SHIRTS T-SHIRTS T-SHIRTS

The AARC has purchased 25 Very Nice heavy weight white cotton T-shirts with the following printing:

[front pocket]

AARC

Special Service Club LOGO

[back]

RACES

Albemarle

Amateur

Radio Club

COMMUNICATIONS

These can be obtained from Joe (KD4RWX). They will be at the next club meeting. These are very handy for identification purposes at public service activities. The price is \$9.00. Checks made payable to A.A.R.C. When Postage and packaging is determined, mailing might be possible.

NOVEMBER SWEEPSTAKES

What are these: "I only have a dipole", "I only run 100 watts", "I've never been in a contest before", "Contests are too complicated, I don't understand the rules", and "I don't know how to be 'in' the contest"? They are a list of invalid excuses

for why you can't enter the 1994 ARRL Sweepstakes on the first and third weekends in November and help increase the club score of the AARC! The ARRL Sweepstakes is an on-the-air contest that ANYONE can enter, regardless of antenna, power output, experience or anything else (so long as you observe the FCC rules and regulations and the limits of your license!). It is a simple contest that is exciting and fun, and it is also a great way to finish up your W.A.S. while helping your club achieve a greater score. All you have to do is get on the air, make contacts and have fun. You see, you really have no excuse for not participating!

The object of the Sweepstakes is to work as many amateurs in as many ARRL and CRRL sections as possible (out of 77 total sections) on all amateur bands from 160-10 meters, excluding the 30, 17 and 12 meter bands. In each contact you exchange the following information: a consecutive serial number (begin with 001), your power class (i.e. A = 150 watts or less, B = more than 150 watts, and Q = 5 watts or less), your call sign, your 'check' - which is the last two digits of the year you were first licensed, and your section abbreviation, which for most of us is VA. It sounds more complicated than it really is. For a more complete listing of the rules and times for the Sweepstakes, check the upcoming QST or ask me.

Why should you operate the ARRL Sweepstakes? One reason is that the Sweepstakes is one of four yearly contests for which the AARC can submit a club score. All we need is for at least 3 AARC members to enter the contest to whatever extent they desire and then turn in their logs as part of the AARC effort. The individual scores will be combined and listed in QST when the results are tallied. Another reason to enter the Sweepstakes is that if you make at least 100 contacts, you will qualify to receive a Sweepstakes Lapel Pin signifying your achievement. If you manage to make a 'clean sweep' by working all 77 sections, you will qualify to receive a coffee mug commemorating your feat! Last but not least, the best reason to enter the Sweepstakes is that it is fun! If you have any questions feel free to contact me and I'll try to answer them. Hope to see you in the pileups! Pete, AD4TU

A tale of WG4T

One year several years ago, Dave Metzger, newly licensed novice WA4ZNE, went with us to the Manassas hamfest. About midmorning, he asked me what all the code stuff coming from one of the buildings was. I didn't know and suggested that he go find out. In about 20 minutes he came back and reported that he had walked up to the table and was told that it was a code proficiency award test. He asked if a novice could participate and was told, "Sure, but we are already up to 25 words per minute". Taking a seat, he copied solid for the required 3 minutes, handed in his test paper, and came back with a 25 wpm certificate. Ron, K4RKA

QST de W1AW
Special Bulletin 26 ARLX026
From ARRL Headquarters
Newington CT September 22, 1994
To all radio amateurs

A special ITU station

Special event station 8N3ITU is operating from the International Telecommunication Union 14th Plenipotentiary Conference. The station is set up at the International Congress Center in Kyoto, Japan, site of the conference.

ITU officials attending the conference who are licensed amateurs are allowed to operate the station. Japanese amateurs watch over the station and assist visiting amateurs. The station's sponsor, the Japan Amateur Radio League, asks operators to avoid "piling up" on 8N3ITU.

The operators also hope to have a station on amateur satellites, possibly AO-13.

The conference is scheduled to run until October 14. QSLs may be sent via the JARL bureau, or direct with an SASE to 8N3ITU, JARL-Kansai, 3-8-31 Daidou, Tennouji, Osaka 543, Japan.

Sept, 16, 1994

SUBJECT: FIELD DAY INNOVATIONS

Dear Fellow Hams,
I am attempting to collect stories of the experiences of other Hams who have improvised with unique items during their Field Day activities over the years. In other words, what type of "Macgyver" type tricks did you come up with to repair something, or make do with what you had during Field Day? I am sure many of you came up with some pretty unique ideas that you could share with others. I would like to compile these stories into an article and publish it in some of the Ham radio magazines. You may send it via packet or mail it to my call book address. I have been good in the call book since 1982. Any information would be most helpful.

Thank you, and 73, JOHN E. GERCKEN, KA9EPO
Home BBS N9LNU.#ECIL.IL.USA.NA

EMERGENCY POWER CONNECTORS

Several Club members are planning to order some of the power connectors which have been adopted as the standard for the club. In large quantity the price is very reasonable. Contact Sam (N4WJQ) or LeRoy (WA4MHP) by telephone if you are interested.

CLUB BUSINESS

Corrections to August Minutes as printed in September Bulletin.

(My apologies for such terrible errors. My brain-
interpreter must have been "on the fritz" and as
such, it was not sending out error messages
indicating that such malfunctioning was taking
place. It looks like it is about time to "un-
volunteer.")

Greg (N4PGS) discussed the library project, T-Shirts
which were available for in-the-field identification
purposes. Ron (K4RKA) moved and it was
seconded that 25 shirts would be
(ordered/purchased by the club and resold at cost.)
partially funded to reduce the sale price from \$9 to
\$5. A discussion indicated support to pass the same
conditions to those who had already purchased a t-
shirt.

A reminder: of Harry (W2HD) mentioned the August
31st starting date for the next Novice/Technician
Class at CATEC on Rio Road.

Board Meeting Minutes- September 6, 1994

A resolution was passed to permit Sam (N4WJQ) to reallocate
budgeted funds of the Technical Committee for the purpose
of purchasing a new controller for the 146.760 repeater.

[NOTE: Repeater users: The new controller has the
following codes: 10 = time;

325 temporary tone override ON;

326 temporary tone override OFF.

911 and "919 test" autopatch access are the same.

HOWEVER use zero (0) to bring down the
patch and get an acknowledgement. The # will
still bring down the patch but without an
acknowledgement.]

NOTICE...LATE NEWS...NOTICE
YOU MUST ADD ON SUFFIXES (+) AFTER
EACH CODE ENTERED
Le. 10+ 325+ 911+ 0+ 326+

AARC Regular Meeting Minutes--September 13, 1994

This month's meeting was a picnic. No formal business was
conducted. The President appointment a Nominating
Committee consisting of: LeRoy (WA4MHP)-Chairman;
Ron (K4RKA)-member; Pete (AD4TU)

The Treasurer submitted an interim, informal report for
purposes of keeping a monthly report published. It is as
follows: Club: 1972.83; Repeater: 1871.90; Packet: 300.00;
TOTAL=4144.73. The official Treasurer's Report will be
made at the next regular meeting.

Respectfully submitted: Joe (KD4RWX), Secretary

FOR SALE or WANT

8/4/94 **FOR SALE: DIGITAL SIGNAL PROCESSOR** I have for sale a Radio Shack digital signal processor (MODEL DSP 40). I have only used this unit one time for about 1 hour. Nothing wrong with it. I just feel it doesn't work as well with my old ICOM 740 as it does with some of the rigs with triple and quad conversion. \$50.00 will take it. N4KYM @ KQ4OK, FRED//

8/25/94 **WANTED: 2M/450 ANTENNA**
diplexer. Contact me on .76, the BBS, or at home: 823-1128 Rick...K04WQ.

Looking for base dual band 2 meter / 450 MHz antenna and/or

8/25/94 **FOR SALE: 286 COMPUTER**
360k floppy, EGA monitor, keyboard. Contact Ron, K4RKA, 973-3640 or on PBBS

For sale, Unisys (Sperry) 80286 computer with 20 Meg hard drive,

8/25/94 **WANTED: National & Collins gear**

Carter, WD4AYS, is looking for older tube type gear such as National HRO or Collins black crinkle finish equipment. Contact him at 979-7383.

8/25/94 **WANTED: MOBILE DIPLEXER**

Carter, WD4AYS, is looking for a mobile diplexer for 2m & 440. If you have one you wish to part with, call him at 979-7383.

8/25/94 **FOR SALE: 5AR4 TUBES**

Clay, W4LNT, has about 10 5AR4 vacuum rectifiers plus other new tubes available for the AARC benefit. Call Clay at 804-589-4865.

Bow, K4QKH, also has various tubes and mobile radio microphones if anyone is interested. Call Bow at 804-293-4609.

8/22/94 **WANTED: HRO RECEIVERS AND TRIPLE SECTION CAPACITORS**

I am looking HRO receivers. I would also like to obtain some triple section capacitors 10 micro fared or more rated at 450 volts. I am looking for a Kenwood TW-4100A mobile mount, MB-11. If you have any or all of these items please contact me at phone number 804 979-7383. Carter Elliott, WD4AYS.

9/1/94 **FOR SALE: KENWOOD TS440**

Kenwood TS-440S, all mode 100 watt transceiver. Excellent

condition no scratches etc. in original boxes with manual. Optional 500 hz cw filter installed. Kenwood MC-60A desk mike and hand mike incl. \$700. (new \$1,400) Call Ted, KQ4MZ, to see anytime at 804-979-3889.

9/24/94 **FOR SALE: IBM-COMPATIBLE PC-XT COMPUTER**

Classic PC-XT clone with some extra goodies.

Excellent condition. Ideal for packet, TCP/IP, APRS, etc. Includes: 8Mhz 8088 processor; 640K RAM 30 Mb hard disk 2 360K 5-1/4" floppies Nec Multisync monitor w/ your choice of EGA or VGA 4 serial and 1 parallel ports 2400 baud modem Asking \$225. Will consider trades. For \$25 more, will add 720K 3-1/2" floppy (for a total of 3 floppies). Catch me on .76 or @WA4TFZ, or phone at 823-5665 (evenings). Will - KJ4XZ

FOR SALE: HF HIGH POWER STUFF

Bob, W4BGU, is cleaning out his OLD Ham shack. He is offering

a BIG transformer, 3000 Volts at 2 Amps, and a converted BC-610 with 250 TH finals and 100 TH drivers. If you are interested, call him at 286-2971 anytime, go look at it, and make him an offer.

***** ##### *****

VOTE - VOTE - VOTE - VOTE - VOTE

Remember that the October meeting is the meeting when new AARC Officers and Directors are elected. The Nominating Committee Report of the Slate of Officers and Board of Directors was not available at press time. Remember that the Slate of Officers is considered a starting point. Nominations may be made from the floor at the appropriate time during the election proceedings. If you wish to have input into the selection process of who guides the Club then you should attend the October meeting.

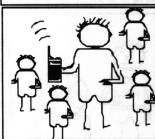
Also, new Committee Chairpersons will be named very soon. These individuals can use some interested people to assist in the process of carrying out the functions of the committee. Why don't you volunteer to be a chairperson or a working member of one of the several committees. The list of the current Officers, Directors, Committee Chairpersons is printed on the outside cover page of this newsletter.

Also, committee chairpersons should be preparing your annual reports for the October meeting. If possible send me a copy via packet. Thanks, Joe, Editor

T-HUNT RESULTS

On September 25th Jessie (KE4OID) and LeRoy (WA4MHP) hid the transmitter. The first to locate the transmitter was John (WA4KQX). John is from the Dayton area, in the valley. This is his second 1st place in our hunts. Second was Bill (KE4KJB). Third was a person from Maryland, Kevin (N6QAB). (He was pictured, along with his DF-equipped vehicle, on the cover of a 1993 QST.) The Johnny-come-lately was Bill (KC4TQF)-"Valley Ham." Thanks for your participation. So we had only one local Ham hunting this time. The next hunt will be on October 16th. It may have a mobile fox. Bill (KE4KJB) will hide the transmitter.

THIS IS KD4RWX.
WE'LL BE CLEAR



1994 - ALBEMARLE AMATEUR RADIO CLUB - 1994

OFFICERS & BOARD MEMBERS

President Greg Faust
Vice-President Rick Berman
Treasurer Sharon Duvall
Secretary Joe Fritz
Director Harry Dannels
Director Mike Duvall
Director Sam Gentry
Director Hein Hvatum
Director Bob Pattison

N4PGS
K04WQ
K04QC
KD4RWX
W2ID
AC4ZQ
N4WJQ
N4FWA
KM4DU

COMMITTEE LEADERS

Director
Bob Pattison, KM4DU
Hein Hvatum, N4FWA
Harry Dannels, W2ID
Mike Duvall, AC4ZQ
Sam Gentry, N4WJQ

Committee
Fund-Raising
Technical
Publications
Education
Activities
Digital
Recycling
Awards

Chairperson
Bill Haniu, N4ZZB
Sam Gentry, N4WJQ
Joe Fritz, KD4RWX
Bob Ross, WA2MFI
Hein Hvatum, N4FWA
Roy Lane, W4OTF
Ron Richey, K4RKA
Joe Fritz, KD4RWX

OTHER POSITIONS

ARRL Liaison
ARES/RACES Coordinator
ARRL VE Coordinator
Trustee
Newsletter Editor

Pat Wilson
Hein Hvatum
John Gray
Morris Jones
Joe Fritz
NORQD
N4FWA
W6UZ
NM4R
KD4RWX

AARC BULLETIN Contact Information

Joseph D. Fritz, Editor
2306 Williamsburg Road
Charlottesville, VA 22901-1431
packet: KD4RWX@WA4TFZ.VA.USA.NOAM
Internet: friz@pen.k12.va.us
Phone: 804 973-1738

DEADLINE FOR EACH ISSUE

The 15th-17th of each month should be considered as the last dates to submit information for the NEXT MONTH'S BULLETIN. In some circumstances it may be possible to send information a week later. Check with me. Joe, KD4RWX

CLUB MEETINGS

Regular Meeting:

Second Tuesday of each month at 7:30 p.m.

Board and Technical Meetings:

First Tuesday of each month at 7:00 p.m.

Meetings are held at the National Radio Astronomy Observatory (NRAO) building, Edgemont Road (UVA area)

WA4TFZ REPEATERS

INPUT/OUTPUT	TONE ACCESS (if required, etc.)
146.160/146.760	91.5 Hz (If enabled, DTMF 325 will produce temporary Tone off/Tone on)
	911 Autopatch.....access.....DTMF 911
	exit.....DTMF #
	Time.....DTMF 10
146.325/146.925	no tone
223.160/224.760	no tone
449.250/444.250	151.4 Hz (If enabled)
145.030 MACHO	mode
145.030 CHO	Packet Bulletin Board

NETS

Northern Piedmont Emergency Net

146.76 repeater Thursday 8:00 p.m.
Plus Swap/Trade & Technical sessions
Net Control: Morris, NM4AR

Information Net

146.76 repeater Monday 7:00 p.m.
Newsline program and general news
Net Control: Mark, N4TZE

Albemarle Amateur Radio Club
P.O. Box 6833
Charlottesville, Virginia 22906

AARC BULLETIN OCTOBER 1994

THE ADVENTURES OF JOE HAM AND FRIENDS

© 1994 Joseph D. Fritz
TRYING TO INTERPRET WHAT IS HEARD IN AMATEUR RADIO.
JOE HAM (KD4RWX) does not endorse, promote, or encourage some of the language and situations presented. But, what can he do? He is a cartoon figure, for goodness sake. Unrated at the present time. Any resemblance to the experience of others is of course the basis of the whole idea. And, it is NOT true that JOE HAM said, "Where's the Smokey Bear?" on a Ham frequency. That was BOB HAM (KB4LID). Watch what you say on the air. As the old saying goes, "See you in the funny papers."
IDEAS ARE WELCOMED...IMPLEMENTATION NOT PROMISED



JOE AND BOB
HAVING AN EYEDOLL
DURING A RECENT CLUB
MEETING. PERHAPS YOU
WILL SEE THEM AT THE
NEXT MEETING ON
OCTOBER 11TH.

Did you hear about
Bob's son passing his
Technician's exam? His
name is William Joseph
Robert Ham. They call
him Gilly Joe Bob.



Please check your mailing label for correctness of the information. Especially check- name, address, license class. Notify Joe (KD4RWX) of corrections needed.

CORRECTION OF LABEL INFORMATION REQUESTED - TO CORRECT CALL PHONE 973-1738
KA4JJD N 1994 CURRENT MEMBER

Michael F. Reiln
109 Sturbridge Rd.
Charlottesville VA 22901

YD