

 **The President Speaks** 

August Club Meeting

**Tuesday, August 13,
at 7:30 pm**

**National Radio Astronomy
Observatory Auditorium, Edgemont
Road
(UVa area)**

Our topic for August will be kit-building and home ham project construction. Several of our members will be talking about and showing their home-built equipment. Come out and learn how home-brew is done.

See you there!

**First New Vanity Call in
the Area Arrives**

Former KF4FRQ, Mella Sardi, is sporting a new call. She had put in for the call of Ernie's Dad who is now a Silent Key. So Mella is now W2HTJ. Let's see..."Went 2 Home of Thomas Jefferson"

Several other local Hams are waiting for the next gate to get their applications submitted. Good luck everyone.

Joe, KD4RWX

Whew, it's over. All the planning, strategy sessions, brainstorming, equipment collecting, signups, organizational meetings, setup, operation and takedown are behind us now. What could I possibly be talking about? There's only one answer to this question, and it is Field Day! The AARC 1996 Field Day at the Earylsville Volunteer Fire Department is over and done with and you've got to wait 11 months or so until the next one.

Now that all is said and done I think I can say without fear of contradiction that Field Day '96 for the AARC was a complete and total success! We had a huge turnout and made more contacts than we've ever made before. We utilized antennas and station designs that were new to us, and got a lot of club members to operate bands and modes that they had never operated before. I think that makes the AARC Field Day a success.

However before we all go into a mutual back patting frenzy I want to thank some folks. Thanks go out to all the people who made everything go so smoothly before, during and after Field Day, so how about a big round of applause for:

KM4DU - For being FD Co-Chair and for lending his considerable wisdom, experience and time.

KC4UCK- For planning and running the Novice/Tech Station and being the other FD Co-Chair

W2EIU - For his countless hours providing publicity for Field Day and alerting politicians to our activities

KE4YLR - For his significant computer expertise, tireless assistance, and unflagging enthusiasm

KC4TWE - For loaning a HF transceiver to the club, no questions asked!

The AARC - for all the manpower, operating hours, support and encouragement; without you guys it couldn't have been done!

Feel free to be proud of your efforts, I sure am, and wait for the scores to come out this fall in QST!

Pete, AD4TU



Veep's Corner



<http://www.mindspring.com/~rwf/aprs.html>
<http://www-ns.rutgers.edu/~ksproul/APRS>

and of course, if you want to talk more about it, try this address: greg.faust@cho.ge.com

See you on the net!

Greg, N4PGS

Been on the Internet lately? Have you connected to the "information highway" that seems to be a hot topic in the news? Are you one of the local hams who have joined the new AARC on-line mail list? If you are, you are no longer in the minority. It's becoming a lot more common to find that computers have arrived in our homes and shacks.

Computers offer many opportunities to experiment with new modes in Amateur radio. In addition to the "plain vanilla" packet radio, now you can try AMTOR, RTTY, ROSE, and other digital modes on the radio bands. You don't have to hook up the computer to the radio to make it useful. You can use a computer to log contacts, or display a map program showing you which direction to point your antenna. They help calculate antenna elements lengths and spacing, perform circuit analysis and even help you practice CW. But probably the most common use we'll make of it is not to connect it to a radio, but through a phone modem to talk to The Net.

So why do I want to get on the net? What does that have to do with Amateur radio? Simple - A LOT! It's a great way to talk to other hams all over the world, on the keyboard, like a big party line. Exchange contest information, ideas, schematics, designs, operating practices, whatever you want. Kind of like packet, except it's faster, more reliable, flexible and data independent. Someday, maybe packet radio will be more like the Internet - but we're going to have to keep working on it, there's a big difference between 1200 and 57600 baud!

Anyway, if you want to find out more about Amateur radio using the resources of the Internet, try these addresses:

[http://uhvax.hartford.edu/disk\\$userdata/faculty/newsvhf/www/ham-www.html](http://uhvax.hartford.edu/disk$userdata/faculty/newsvhf/www/ham-www.html)
<http://www.tapr.org>
<http://www.kantronics.com>
<http://gandalf.msd.com/scom>
<http://cstone.net/~hsgentry/aarc.html#APRS DIGI>
<http://www.amateurradio.com>
<http://gndstn.sp.nps.navy.mil>
<http://www.arrl.org>

Editors' Two Bits - We had this little bit of space to fill, so here's a couple other web sites to add to Greg's list. If you want to check on a call, try the University of Arkansas at Little Rock's Amateur Radio page at www.ualr.edu/~hamradio/callsign.html For an example of how different interest groups link up on the Internet, check out the Scouts and Amateur Radio page at www.ecllc.com/bsa319/ham.htm Okay, space filled!



Public Service Events

Contact Hein, **N4FUA**, to sign up for events.

Bike Race Sunday, 11 August 1996.
DRL1 Thursday 19 September 1996, 1800 EDT
Combined disaster exercise.
MSB3/MSB4 October 1996. MS bike tour.

Other Possible Events

- Whilton Farm Horse Trials
- Montpelier Steeplechase
- Diabetes walk
- American Heart Assn. walk
- Martha Jefferson Hospital drill

DEADLINE for the September issue of AARC Bulletin is August 19

Send your articles to either Paul (WB9HGZ) or Eileen (WD9EIA) at: 4300 Sylvan Lane, Charlottesville, 22911 (U.S. mail), or at 74146.446@COMPUSERVE.COM (email).

To reach us through the club bulletin board, send your articles to Mike, KE4UKX, our resident packet operator, and he'll pass them on to us.

Controversy Over Frequency Allocations

Over the past few months, the ARRL has been leading a protest over the inclusion of 2-meter and 70-cm bands in a "study group" of frequencies that may be allocated for low-earth-orbital satellite use, primarily for pager communications. Below is a brief recap of things as they stand at the moment, as reported in The ARRL Letter.

Comment Deluge Follows 2-meter/70-cm Band Threat

Hams have responded in force to defend the 2-meter and 70-cm bands against a threat from the Mobile Satellite Service (MSS). [In one] week, hams have directed more than 1000 comments by letter, e-mail, telephone and fax to representatives on Informal Working Group 2A (IWG-2A), which is preparing draft US proposals for the 1997 World Radiocommunication Conference. The IWG-2A's list of "candidate bands" for low-earth-orbit mobile satellites ("little LEOs") includes the 144 and 420-MHz bands, among others suggested for consideration. Little LEOs are intended mainly to offer commercial paging and other low-data-rate messaging services.

The list of candidate bands was submitted by little LEO industry representatives at a May 7 IWG-2A meeting. ARRL Technical Relations Manager Paul Rinaldo, W4RI, was present and objected strongly to the inclusion of these two bands. He was told that objections should be submitted in written comments, and the ARRL did so on May 15. Despite the objections, the two ham bands remained on the table, prompting ARRL Executive Vice President David Sumner, K1ZZ, to issue a call to actions in his July 1996 QST editorial. The editorial--circulated far and wide by e-mail and packet radio--generated so many responses that the FCC has had to modify its procedures to cope with the deluge!

Instead of directing comments to the individuals listed in the pre-press version of Sumner's editorial, the Commission's new procedures ask that comments by e-mail be sent to wrc97@fcc.gov.

Written comments, with an original plus one copy, should be sent to: Office of the Secretary, Federal Communications Commission, Washington, DC 20554. Each comment should include at the top, "Reference No. ISP-96-005" and "Advisory Committee Informal Working Group 2A." The FCC staff assures us that comments will be given prompt consideration. Again, for the most expeditious and efficient consideration of your comments, the FCC asks that amateurs not send comments directly to the chair of the WRC-97 Advisory Committee, to the chairs and vice-chairs of the Informal Working Groups, to individual FCC staff members or to private-sector participants in the Advisory Committee process. Spread the word about this new commenting procedure.

In the wake of the deluge of comments directed to individuals, Chairman of the Industry Advisory Committee Scott B. Harris asked Sumner in a June 5 fax to call off the campaign and accused the League of unfairly targeting private-industry representatives on the committee. "The tactic ARRL has chosen to use in this process in neither necessary nor appropriate," Harris wrote. Sumner suggested Harris was misinformed about the ARRL's intentions to educate its membership. "The League has participated actively in the IAC, IWG-2A, and other IWGs as appropriate, and will continue to do so," Sumner responded. "Our 'campaign' is not to 'protest' the work being conducted in IWG-2A. Rather, it is an educational campaign." (The complete text of both letters is available via ARRLWeb at <http://www.arrl.org/announce/2m70cm.html>.)

The IWG-2A's list of "candidate bands" for low-earth-orbit mobile satellites ("little LEOs") includes the 144 and 420-MHz bands, among others suggested for consideration.

In a June 5 letter to Sumner, the FCC's Cecily C. Holiday--who's director of the WRC-97 Preparatory Team--expressed assurances to the Amateur Radio community that "no amateur bands have been selected for reallocation." She said the list of bands generated at the IWG-2A's May 7 meeting "represent only the IWG-2A's initial efforts to study spectrum use below 1 GHz in order to assess the feasibility of proposing world-wide MSS allocations in that range." She called the proposals "only the initial component of a long-term effort to conduct sharing studies before submitting the Committee's proposals to the Commission for review." (See *Frequencies*, p. 4)

Frequencies (from page 3)

Holiday said that, before recommending preliminary proposals for consideration by the Commission, IWG-2A participants "must first conduct sharing studies among a range of services using frequencies below 1 GHz" to find out if it's feasible to share among services and to recommend specific frequency bands.

Holiday said that all written and electronic comments from Amateur Radio operators received at the Commission have been included as part of the public record on WRC-97.

For additional information, contact Cecily C. Holiday, Federal Officer of the WRC-97 Advisory Committee, or Damon C. Ladson, Alternate Federal Officer at 202-418-0749, or consult the WRC-97 home page at <http://www.fcc.gov/ib/wrc97/>.

This article reprinted courtesy The ARRL Letter.

Another Point of View

The July 22, 1996 edition of *Newsline* offers another viewpoint regarding the Amateur Radio community's role in retaining full use of the 2-m and 70-cm bands. In an article titled, "Bad Manners Can Lead To Spectrum Loss," Phil Thomas, N8LJA, the producer of *Amateur Radio Weekly*, is quoted as suggesting hams themselves are responsible for the possible loss of "almost exclusive use of several popular bands." He says:

"One of the factors that will influence the commission [regarding FCC rules on 2-meter and 440] will be the way amateurs police their bands. Since the large influx of amateurs following the inception of the no-code license there seems to have been a lack of teaching proper etiquette that is expected from the amateur community. Along with this amateurs have seemed to have dropped the ball in the area of policing.

"What will it take for our amateur community to return the amateur bands to the way they were? It will take every amateur, amateur club, and amateur organization working hard with each other in a concerted effort of teaching and policing our amateur bands.

This, and only this will secure our amateur bands in the near future."

Whatever the FCC eventually rules, N8LJA's comments are sure to raise questions (and hackles) among his subscribers and the rest of the Amateur Radio community.

And Now, an Issue for CW Supporters

On an entirely unrelated issue, another Amateur Radio organization is asking its membership to get active and speak out. The CW FISTS Club is requesting its members to contact the Future of Amateur Radio Service Committee (FASC) regarding a proposal to remove CW as a requirement for licensing in the Amateur Radio service. The FASC has drafted a paper to be presented at the World Radio Conference in 1999. FISTS members object specifically to paragraph 9.14 of the FASC discussion paper.

FISTS suggests the following points. (Quotes are from the June, 1996 *Key Note*.)

1. While radio services around the world are eliminating CW, "the fact remains that in many cases CW is the only reliable means of communication" particularly under emergency conditions. Because Radio Amateurs may soon be the only ones able to operate CW, their skills "will become more critical in the future, not less."
2. CW radio equipment is easily and inexpensively built, keeping the hobby affordable for everyone. "Building CW equipment also promotes technical knowledge and encourages experimentation, one of the valuable contributions of Amateur Radio service."
3. When a license comes at the cost of some effort, it becomes more valued. "Thus, discipline and courtesy exist on the amateur bands as opposed to bands not requiring operating privileges. (Example: the American Citizen's Band)"
4. Amateur Radio is a hobby, not a profession, and should not be required to stay on the edge of technology, just as "[t]he invention of internal combustion engines does not eliminate sailboating as a popular hobby throughout the world. (See *FISTS*, page 5)

FISTS (from page 4)

Finally, FISTS argues that a majority of hams, including the ARRL Board of Directors, support the CW treaty requirements. They object to what they call an "end run to eliminate the CW treaty requirement without any opinion survey of the Amateur community." Quoted in the article is an ARRL Board of Directors resolution, passed in 1993, in support of the present status of CW in the Amateur Radio Service. Among other points, the ARRL resolution recognizes Morse code as a method of promoting communication across language barriers, and supports the code as "highly valuable to the Amateur Radio Service worldwide." The resolution concludes: "therefore, the ARRL strongly REAFFIRMS its continued support for a demonstrated proficiency in the International Morse Code as part of the license requirements below 30 MHz and hereby DECLARES its desire that the demonstrated proficiency in the representatives to continue to insist before all national and international bodies that there be no modification of the present Morse Code proficiency requirement for operating below 30 MHz."

Anyone wishing to speak up for CW should write: International Amateur Radio Union
Future of Amateur Radio Service Committee
c/o IARU International Secretariat
P.O. Box 310905
Newington, CT 06131-0905

Hams are also encouraged by FISTS to send copies of their views to the ARRL Board of Directors at 225 Main Street, Newington, CT 06111

Greet the New Members!

Rob Capon, WA3ULH
Howard Capon, KE4RUZ
Alfred Shaper, N2YDW
Allen Graves, AE4BN
Grayson Dowell, KF4FYI



Reprinted courtesy September,
1946 QST

More on Club Jackets

The first batch of club jackets have arrived and are in the hands of their owners. The silkscreened club call on the back looks good, and so do the individual calls stitched on the front. Around your editors' house, KE4UKX and KE4UKZ are wishing for an unseasonable cold snap so they can wear theirs without risking heat exhaustion. (The rest of us would just as soon keep the summer heat a while, thank you!)

If you've been seeing those cool blue jackets around town and are wishing now you'd gone ahead and ordered one for yourself, don't despair. Ernie Sardi, W2EIU, is assembling a waiting list of interested hams for a second order.

Interested? Contact Ernie on the air, or at his home QTH, listed in the club directory.

Waynsboro Ham Does His "Good Turn"

Sam Pickering, KF4EKV, recently had a chance to demonstrate just how useful 2-meter communications in the hands of hams can be. While driving with his son Chris, Sam, who happens to be Scoutmaster of BSA Troop 81, noticed the porch of a Waynesboro house was on fire. The latest issue of *Saddlebags*, the area BSA newsletter, reports, "Using his amateur radio Sam called for help and also notified neighboring houses." *Saddlebags* credits his quick thinking and action with preventing injury and greater property loss at the Waynesboro home. That's not only doing his "good turn" as a Scout, but showing what the "service" in the Amateur Radio Service is all about.

Information and quotes courtesy August 1996 *Saddlebags*

FCC Statistics

The vanity call sign program has been immensely popular. The unofficial vanity receipt total is almost 3000. FCC statistics also show that as of the end of June, new licensees age 21 or younger totaled 372 more than a month earlier.

WHAT MAKES A HAM RADIO STATION?

Harry Dannals

Several of us were discussing the components which go into the making of a Ham Radio station today. Of course, the first item which comes to mind is a transceiver (perhaps this can be a combo of a receiver and transmitter as separate units.) The next item usually mentioned is an antenna. Probably an amplifier fits into the picture somewhere, too.

However, few folks seem to note the most important component of all... the Ham Radio operator! Also lost in the discussion is station location. Incidentally, these discussions considered the HF world and the VHF/UHF worlds as well.

Let's put these components into somewhat of a priority order. You may not agree with the order the writer has formulated, but the rationale might be a little difficult to argue with if you really answer all of the major points. Additionally, it is understood that you may have little (or no) control over one or more factors listed. At any rate, here's the listing in my priority order:

- 1) The operator (That's you, of course!)
- 2) The location (Sometimes not very selectable.)
- 3) A receiver (You gotta hear them to work them!)
- 4) A transmitter (You gotta be heard to work them!)
- 5) An antenna (Kinda important, huh?)
- 6) A power amplifier.

We'll briefly discuss each of the above:

The operator has to be number one for so many reasons. It's very obvious that you don't have a station without someone to use the key, microphone, keyboard or TV camera. However, have you noted how truly successful an experienced operator is even with equipment of less than superior rating. The key word is "experienced." You saw it firsthand at field day when one new operator might be logging a few contacts an hour and the experienced op was logging dozens in the same period under the same conditions. A prime example of this situation was

encountered by yours truly when my older son, W2GG, visited and set up my OSCAR satellite antenna system some months ago. He then proceeded to contact a number of stations to prove the system worked. He proved a very simple point. If I didn't make contacts as he did... then... I'm the problem! And, guess what? I am!

The location of your station is important. Not so much where you place the equipment in a room within your dwelling, but where you are located topographically. Ideally, a VHF/UHF station should be located on a mountaintop or, lacking that luxury, have antennas which are on a tower or clear of obstructions. Ground conductivity is an important factor when you have an HF station. However, it's obvious that most of us must compromise with a location.

The receiver is a very important part of your station. It should be selective (hear the station you want to hear), be stable and not drift off the station you are working, be sensitive enough to hear the weaker signals (not only the kilowatts) and, as a bonus, have a frequency readout so that you can meet another station on the desired frequency without "tuning all over the band!"

The transmitter is much less important than the receiver. It is only necessary to have an amount of power necessary for the type of communications you desire... rag-chewing, DX, or whatever. The next to last item is the antenna which will make up for some of that desire to have a powerful transmitter. A good antenna is a basic part of every good station. Antennas are reciprocal in the way they perform. They improve the transmitted signal and also give you better receive signals. ALWAYS put up the most antenna you can for your station!

The final item in the listing is a power amplifier. Do NOT add one of these power company "friends" unless you really need it to make an important contact. Many of us who own amplifiers do not use them except when band conditions require their use. You no doubt recall the FCC rule about using the "minimum" power needed to maintain the contact. (Reference 97.313(a) of our rules.)

There you have it, fellow Radio Amateurs. How about your list? Are your priorities the same? What do you think? 73...

/s/ Harry, W2HD

FYI - news from the ARRL

ARRL OFFICIALS COMBINE BUSINESS WITH FIELD DAY PLEASURE

If you worked WA2DHF during Field Day, you worked one of a group of frustrated FD ops. Finding no other date available, Ad Hoc Repeater Committee Chairman and Rocky Mountain Division Director Marshall Quiat, AG0X, called a meeting of the committee for (gulp!) Field Day. Realizing that all of the League's officials love operating Field Day, First Vice President Steve Mendelsohn, WA2DHF, toted his Yaesu FT-990, Bencher key, portable computer and Hustler mobile antenna to the meeting.

Following the committee's deliberations, the multi-op station was set up with the antenna hanging over the 14th floor balcony of the Dallas Airport Marriott. In addition to Mendelsohn and Quiat, operators included ARRL President Rod Stafford, KB6ZV; Vice President Hugh Turnbull, W3ABC; Executive Vice President Dave Sumner, K1ZZ; and League Counsel Chris Imlay, N3AKD.

Operating for four hours on Saturday night, with 40-meter CW the centerpiece of activity, the group managed 135 QSOs before the telling of Field Day stories outweighed the desire to operate. Should a committee chairman call a meeting on Field Day next year, the group decided it would be mandatory that the chairman also bring the generator. *July 5 ARRL Letter Update*

NEW VA ARES REGIONAL NET

Bob Oldham, KS4LB, the EC for Hanover County, Virginia, reports a routine ARES net came close to activating when "a bit of weather came through Richmond" on June 24, and several members checked in using emergency power. (Severe weather also hit the nation's capital the same day.) "We'd have been ready," Oldham said. He's trying to coordinate activities among five ARES groups in the Richmond vicinity by inaugurating an areawide VHF net on the first Wednesday of every month at 9 PM (local) beginning July 3 on the 146.94 MHz repeater. He said there are more than 80 signed-up ARES members in the Richmond vicinity. *June 28 ARRL Letter Update*

HAM RADIO HAS MOVIE ROLES

Ham radio plays a part in two recently released movies. One is in the hugely popular sci-fi thriller Independence Day, reports Bob Inderbitzen, NQ1R, of ARRL's Educational Activities Department. "Briefly, and without spoiling the plot, the US Space Command uses Amateur Radio to disseminate instructions for a worldwide offensive against the bad aliens," Inderbitzen explained. Commercial communication links are in a shambles in the wake of the aliens' destructive path, and their huge orbiting spacecraft have disabled or destroyed satellites. Hams spread the word using none other than Morse code. "And, straight keys and keyers were prevalently shown," he said.

Inderbitzen points out that additional information about the movie can be found at <http://www.id4.com/>.

ARRL Letter Vol. 15, #7, July 12

SMITHSONIAN ANNIVERSARY QSLs

To mark the 150th anniversary of the Smithsonian Institution, NN3SI at the National Museum of American History in Washington, DC, will offer a special certificate/QSL for contacts August 10-11, 1996, 1400-2100 UTC. SSB, 40, 20 and 17 meters: 7250, 14250 and 18150 kHz, 5 kHz; CW, 40 and 20 meters, including 7100-7150 kHz; FM, 146.52 MHz. Additional schedule and frequency information will be announced that weekend.--Elliot Sivowitch, K3RJA *ARRL Letter Vol. 15, #7, July 12*

FCC ISSUED CALL SIGN UPDATE

The following is a list of the FCC's most recently issued call signs for District 4 as of July 12, 1996.

Extra	- AE4WF
Advanced	- KT4TI
General	(All call signs in this group have been issued in this area.)
Novice/Tech	- KF4KUP

CLUB BUSINESS



AARC Board Meeting, July 2, 1996

No official business related to motions was conducted. The Club received a bill from Pepsi for the use of a soft drink trailer at Field Day. In the past no charge had been made. Ernie, W2EIU, will be asked to check into the issue. The program at the next meeting will be a Historical Perspective of the Albemarle Amateur Radio Club presented by Ron, K4RKA.

Several new membership applications will be presented at the July meeting.

Additional discussion of the development of an Emergency Identification card for club members was conducted. Some computer card development will be undertaken.

AARC Regular Meeting, July 9, 1996

Pete, AD4TU, reported that at Field Day there were 964 contacts made. Counting certain other point producing activities, this produced a total point count of 3656 points.

Ron, K4RKA, gave a very nice retrospective of the A. A. R. C. He later showed a brief video of the 146.925 Repeater site.

Ernie, W2EIU, read two letters to and from Charlotte Humphries, a Member of the Albemarle County Board of Supervisors. They were related to her attending Field Day.

Rick, KO4WQ, announced that the installation of an antenna for our use during emergencies. This will take place next Saturday, July 13, 1996.

Hein announced that there would be a bike event near the Carters Bridge area on August 11th. Check the Public Events calendar for confirmation.

The Minutes of the May and June meetings were approved.

The Treasurer reported a balance of \$3945.89

The President announced that a \$100 dollar check had been given to the Earlysville Volunteer Fire Department as previously voted.

The following new members were accepted into Membership of the A.A.R.C. -

Rob Capon, WA3ULH
Howard Capon, KE4RUZ
Alfred Shapero, N2YDW
Allen Graves, AE4BN
Grayson Dowell, KF4FYI

Respectfully submitted by Joe Fritz (KD4RWX),
Secretary AARC

ALBEMARLE AMATEUR RADIO CLUB, INC. JULY TREASURER'S REPORT

INCOME

Donations:

Hamfest Sales	\$146.00
Repeater	140.00
Surplus Equipment	<u>655.00</u>
<i>Total Donations</i>	941.00
Dues	1155.00
QST Subscriptions	7.00
Textbook Sales	<u>61.00</u>
<i>Total Income</i>	2164.00

EXPENSES

Equipment	1157.21
Refreshments	170.00
Entertainment	715.82
Postage & Publishing	524.00
State Corporation Fee	25.00
Telephone	221.19
Field Day Insurance	150.00
Charity (Earlysville Fire Department)	100.00
Field Day Expense	<u>72.37</u>
<i>Total Expenses</i>	3135.59

TOTAL INCOME/ EXPENSE	-971.59
BALANCE FORWARD	4917.48
OVERALL TOTAL	\$3945.89

Treasurer: Sharon Duvall, KO4OC

Amateur Radio Exam Dates for Virginia

RICHMOND The next scheduled testing session at J. Sargeant Reynolds Community College is set for August 10th at 9am. For information, including directions, call Pat Wilson, N0RDQ, at 804-779-3351 (home) or 804-560-3828 (work).

OTHER SITES

08/03/96 (W5YI) Ben Hur. Charlie Poë, 540-546-2323
 08/04/96 (Mtn.ARC) Berryville. Leo Patterson, 304-289-3576
 08/09/96 (ARRL) Galax. David Roberts, 540-773-2446
 08/10/96 (ARRL) Harrisonburg. Brown Snyder, N4ZHV, 703-434-3133
 08/17/96 (W5YI) Chester. Anthony Amato, 804-330-0006
 08/17/96 (W5YI) Norfolk. Bill Schauf, 804-531-9292
 08/18/96 (ARRL) Roanoke. Terrance Vluc, 540-890-6782
 08/31/96 (W5YI) Gloucester. Harry Kepley, N4THN, 804-642-3517

Remember, if you are interested in taking an Amateur Radio exam at any of these sites, CALL AHEAD for information. Not all test sites accept walk-in registrations.

Area Hamfests

Aug. 4 Shenandoah Valley ARC, Berryville, VA
 Irvin Barb, KD4BHV, Rt. 3, Box 5385, Berryville, VA 22611. 540-955-1745

Aug.18 Sussex ARA; Delmarva Hamfest Assn.,
Georgetown, DE
 Tom McDugall, N3JRB, RD 6, Box 64A, Georgetown, DE 19947. 302-856-2938

Aug. 23-25 West Virginia State Convention, Weston, WV
 L. Ann Finehart, KA8ZGY, 1256 Ridge Dr., South Charleston, WV 25309-2434. 304-768-9534

Aug. 31-Sept. 1 Shelby ARC, Shelby, NC
 June Melvin, WA4JNJ, 902 Henry St., Kings Mountain, NC 28086. 704-739-2583

Sept.8 Foundation for Amateur Radio,
Gaithersburg, MD
 Al Brown, WA3FYZ, 8645 Tower Dr., Laurel, MD 20723. 301-490-3188

AUGUST 1996						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
☺ <i>Congratulations to the August Birthday Hams!</i>				1 ARES Net 8:00 pm	2	3 6-m net 50.200 8am ☺ KF4FRP
4 ☺ KA4MCA	5 INFO-NET 7:00 pm 220 Net 8:00 pm ☺ WA4UXD	6 Board and Technical Session 7:30 PM ☺ KD4NRE	7 Lunch Old Country Buffet 11-1 ☺ W6UZ	8 ARES Net 8:00 pm	9	10 6-m net 50.200 8am
11 Bike Race	12 INFO-NET 7:00 pm 220 Net 8:00 pm	13 AARC Meeting 7:30 PM ☺ AD4TU	14 Lunch Old Country Buffet 11-1	15 ARES Net 8:00 pm ☺ KD4WXY KE4HIA	16 ☺ KE4OID	17 6-m net 50.200 8am ☺ KE4YLR
18	19 INFO-NET 7:00 pm 220 Net 8:00 pm	20	21 Lunch Old Country Buffet 11-1	22 ARES Net 8:00 pm	23 ☺ KD4CQX	24 6-m net 50.200 8am
25 ☺ KE4OIC	26 INFO-NET 7:00 pm 220 Net 8:00 pm ☺ KF4JHA	27	28 Lunch Old Country Buffet 11-1 ☺ WD4CEN	29 ARES Net 8:00 pm	30	31 6-m net 50.200 8am

1996 ALBEMARLE AMATEUR RADIO CLUB

OFFICERS AND BOARD MEMBERS

President	Pete Wildman	AD4TU
Vice-President	Greg Faust	N4PGS
Treasurer	Sharon Duvall	KO4OC
Secretary	Joe Fritz	KD4RWX
Directors:	Rick Berman	KO4WQ
	Mike Duvall	AC4ZQ
	Hein Hvatum	N4FWA
	Jessie Preston	KE4OID
	Ron Richey	K4RKA

COMMITTEE LEADERS

	<u>Committee Chairman</u>	<u>Director</u>
Technical	Mike Duvall AC4ZQ	Hein Hvatum N4FWA
Education	Harry Dannels W2HD	Rick Berman KO4WQ
Fundraising	Bob Pattison KM4DU	Sharon Duvall KO4OC
Activities	Hein Hvatum N4FWA	Rick Berman KO4WQ
Awards	Joe Fritz KD4RWX	n/a
Recycling	Mike Duvall AC4ZQ	Ron Richey K4RKA
Digital	Greg Faust N4PGS	Mike Duvall AC4ZQ
Publication	Joe Fritz KD4RWX	

OTHER POSITIONS

ARRL Liaison	Brian Fox	KE4HIA
ARES/RACES Coordinator	Hein Hvatum	N4FWA
ARRL VE Coordinator	John Gray	W6UZ
Trustee (WA4TFZ)	Morris Jones	NM4R
Newsletter Editors	Paul Dean	WB9HGZ
	Eileen Dean	WD9EIA

CLUB MEETINGS

Regular Meeting: Second Tuesday of each month at 7:30 PM
 Board & Technical Meetings: First Tuesday of each month at 7:30 PM

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

WA4TFZ REPEATERS

INPUT/OUTPUT	TONE ACCESS
146.160/146.760	88.5 (if enabled, DTMF 325* will produce temporary Tone off and 326* will turn Tone back on)
Door alarm OFF.....	DTMF 100*
Emergency Autopatch to access 911 Center.....	DTMF 911*
Emergency Autopatch to access VA State Police.....	DTMF 918*
Autopatch exit.....	DTMF 0*
Time.....	DTMF 10*
Tone status of repeater.....	DTMF 700*
146.325/146.925	88.5 Hz (if enabled) 223.160/224.760 no tone
449.250/444.250	151.4 Hz (if enabled) 145.030 MACHO node
145.030 CHO	WA4TFZ Packet Bulletin Board

NETS

Northern Piedmont Emergency Net

146.76 repeater Thursday 8:00 p.m.
 Plus Swap/Trade & Technical Sessions
 Net Control: Morris, NM4R

Information Net

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

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



32 USA

ALWAYS
 USE
 ZIP CODE

**AARC BULLETIN
 AUGUST 1996**

CORRECTION OF LABEL INFORMATION REQUESTED ---TO CORRECT CALL PHONE 973-1738 Y D
 KA4JJD N 1996 CURRENT MEMBER

Michael F. Rein
 109 Sturbridge Rd.
 Charlottesville VA 22901

