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Introducing: Funshine Express!

There's a new arm of the AARC being developed, and it's called the Funshine Express. This member-oriented, general-interest addition to the club is, as the name implies, designed for pure and simple FUN. The Funshine organizers plan to hold an activity or event every eight to ten weeks, with the first event coming up in August. (More details on that as they become available.) In between, on-air contacts on different bands well-suited to club members will keep the Funshine Express alive and continue to build camaraderie.

Need more of an idea what Funshine is about? Here's a list of some of the ideas proposed at Funshine's brainstorming session:

- | | | | |
|---|----------|---|-------------------|
| ✓ | sports | ✓ | T-hunts |
| ✓ | culture | ✓ | get-togethers |
| ✓ | history | ✓ | hamfest caravans |
| ✓ | trips | ✓ | interstate events |
| ✓ | contests | | |

To make this work, volunteers are needed! Committees waiting for volunteers include:

R & D
Public Relations
Contests Liaison
T-hunt
Ideas Committee
Interclub Liaison
Trip Coordinator
Trips
Youth Representative
Photographer
Newsletter Column
Club Scrapbook
Recruitment
Supplies

Interested? Contact Dave Narducci by phone at 973-6950 (home) or 293-6500, ext. 6505 (work), by email at dave.narducci@cho.ge.com, or by U.S. mail at 4550 Mill Run Lane, Earlysville, VA 22936. Include in your information your name and call, where you can be reached, and your areas of interest. If you're interested in chairing a committee, mention that too. Remember, the Funshine Express is for everybody, so give Dave a call with *your* ideas.



The President Speaks

We're halfway through our year and our busiest month is behind us. Field day is over for another year and I want to thank all those who helped make it happen. As always, a good time was had by all. As we get into the middle of the summer, our public service schedule is still in full swing, so please be sure to let Hein, Greg, or Dave know if you can help out.

The banner was unveiled at the last meeting and seemed to be well received. It took a couple of weeks, but we finally got it there. Now we'll have a public focal point at our events. Who knows, maybe we'll generate some more interest and get some more students.

For those of you not at the last meeting Dave, KF4NOP, is heading up a little project he calls the Funshine Express. It is a totally new idea that is designed to get the Club involved in other activities together. I believe that he is writing an article to cover this, so I'll let him explain it, but suffice it to say that I am VERY excited by this project and I urge everyone to try to participate. I mentioned in an earlier newsletter that this is YOUR Club and that I would like to try to get as many people involved in Club activities as possible. The Funshine Express is the perfect forum to let us know what YOU would like to do and help us make that idea into a Club function. Nuff about that...I'll let Dave fill in the details.

Don't forget that the Club picnic this year will be held in August. We have our reservations in so please make your plans to attend. Like last year it will be a kinda bring your own covered dish for all to enjoy kinda thing. I am looking forward to this year's picnic and I hope to see everyone there.

After a rocky beginning, my packet station is back on the air. I mentioned a couple of issues back that it would be on the air, but some hardware problems made continuous ops difficult if not downright impossible. I am glad to say that the bugs seem to have all been worked out (knock on non-termite infested wood) and I can once again be reached on 145.610 freq. For those of you living outside of the Shenandoah Valley, you may have to digi through BLDLAN. I now have the mailbox operating any time that I am not on 2 meter phone from the base. I'll sure be glad when I win the lottery and can afford a 2nd 2 meter rig for a permanent phone station.

Well, I know Eileen wants to get this thing "to bed" (newspaper talk), so I'll say so long for now.

KC4TQF

VEEP CORNER

Field Day will be history by the time you read these words. As I write them, it hasn't happened, but I know I will have a great time there!!

Our June meeting was dedicated totally to this wonderful event. Field Day and ARES public service events are mainstays of AARC. If this was all we did, AARC would be a great club, but we offer much more. We have four repeaters and a packet BBS. Now we have "Funshine Express!" What's that? You'll soon see.

The next big event on our schedule is our Annual Picnic, to be held on August 12, starting around 6 to 6:30 P.M. at McIntyre Park, Shelter 1. Those of us who were at last year's version of this event had tons of laughs and good food.

I can't help noting that we are all "hams," and ham is a kind of food. Like Field Day, food is part of the joy in this event. We'll operate this affair pretty much the way we did it last year. Those attending will bring whatever their favorite outdoor foods are. There will be one or two gas grills, but they won't get there till perhaps 7 P.M. The club will supply a couple of things, but, well, your president in charge of vice didn't take good notes at our last board meeting, so I can't tell you what those things are in this column. Watch for the "right stuff" next month.

Meanwhile, don't let your somewhat . . . VP keep you from planning just because a detail or two were missing from this column. Plan to come. Plan to bring your family, and be sure to call some of the folks you haven't seen at meetings lately and tell them about this picnic. If you were there last time, tell them how much fun you had.

What more can I say? Well, not much, so this is the end of this piece!

73 de Joe, W2PVY sk sk

Upcoming Programs...

- ▶ The program for the July AARC meeting features Rob, W3DX. He will talk about building equipment, with strong emphasis on kit building.
- ▶ The August meeting is our Annual Picnic.
- ▶ The September meeting will feature Chuck, K4SM, talking about amateur satellite communications.



HAVE YOU MET ELMER?

What Elmer?
Elmer Fudd? Elmer
Kaddidhopper? (Or
whoever that was?...mebbe

not even an Elmer!) Oh, well, that's not important, anyway, because the question really concerns the Ham Radio Elmer, probably one of the most important persons in each of our own Amateur Radio lives.

My Elmer was my Dad, W2GG, who through great patience and skill guided a young lad of ten through the early chapters of Ham Radio education. He taught me how to mount standoffs and tube sockets on a wooden "breadboard." Later he taught me how to lay out a metal chassis so that all the components would fit and hopefully become properly wired. We used vacuum tubes (English Hams called them valves) in those days and my first metal chassis had to have holes punched out for the tube sockets. It was fun and Ham Radio is still fun today even though techniques have radically changed!

We still need Elmers... the person who is there to answer many of the questions which are not easily answered in the text books. We still need that person who can provide the encouragement and the guidance to keep us on the right track to truly enjoy a grand and glorious pursuit... Ham Radio.

We who live in CHO-ville (CHO is the airport identifier here and the alias for our packet bulletin board) are blessed with a great number of Elmers. They come in all sizes, shapes and degrees of expertise. They climb towers, help to raise antennas, and bring that second-hand "boat anchor" into life. In today's modern age of Ham Radio, they provide the expertise which helps us get TNC's on line, computers computing and equipment humming. There always seems to be an answer to your Ham Radio problem here in Jefferson Country. The Elmers are listening on our repeaters, just waiting for the opportunity to be of service.

Be thankful that we have the engineers from the local commercial electronics companies and the professors from UVa to guide us on a course which sometimes seems cluttered with obstacles. Whether it be operating, radio frequency, antennas, digital techniques... no matter what the problem, we are fortunate to have the answers for merely a call for assistance. I know that I am one of those who is thankful for the number of times someone has come to help me in times of need. It is greatly appreciated. 73...

/s/ Harry, W2HD

MS 150 Bike Tour Has Good Weather, Good Turn-out

Jessie Preston, KE4OID

June 7 and 8 was the 9th annual MS 150 Bike Tour. Would you believe we had good weather! It is a known fact that the members of the AARC are among the most cooperative people around, and that really came to light that weekend.

As usual we had to be there in the "Dark". I don't think the bike people know what "after the sun rises" is all about. But it was cool, not raining and good "coffee/tea" weather. There were lots of cycles, some had motors and some used old fashioned "leg power". Just ask Brian (KF4FRP) what it was like. Both he and his father rode the route on bicycles. Bob (KB4YQC) was also on a bike, but his had a motor. This year we had a good quantity of motorcycles to ride among the cyclists. But it was the "HAMS" who kept everyone abreast of what was happening, where help was needed, relayed the asked questions, and found lost articles. As usual, Sam (N4WJQ) was a superior Net Control. Hein (N4FWA) had the opportunity of a lifetime; he was Fay's shadow on Day Two, and Terri (of the MS Society) is going to adopt Miles (N4YEQ) and Greg (N4PGS) for her very own.

The Sags, lead by the leadership ability of Dave (KE4YLR) earned their event points. They were very patient with those who lagged behind as well as not running over anyone while trying to get back to the back of the pack.

The rest-stop Hams were a real support to the riders as well as the rest of us on the road. They kept us informed of when the first bike arrived at their site, that there wasn't any food at the lunch rest stop, and that they had found someone's lost glasses, fanny pack, jacket, etc.

For those of you who participated this weekend, thank you so very much from all of us at the MS Society. We couldn't do it without you! I know I didn't list everyone who participated, but you know who you are and how much you all mean to me. If you didn't get the opportunity to join the fun this year, remember, there is always next year and we will love to have you.

Again, thank you so very much,

Jessie (KE4OID)

This month I am going to have a short article, I promise. Field Day is coming up, and I think that if we all work together, we can have a great one, lots of fun, lots of learning, and especially the opportunity to do these things together. Did I mention that we should have a great picnic on Saturday?

KD4RWX asked for a list of the registered ARES members in the club. Since I sent Joe the list so that he can update his records, I thought that it would be a good idea to publish the list in the newsletter, so that anyone who thinks they are registered but aren't, will have a chance to get back on the roster.

Here they are, in alphabetical order, so please check the list to see if you are included. If your call sign doesn't appear, it means you will have to fill out one of our local forms. I have them with me at each club meeting, and will have them at Field Day, the occasional OCB session, and probably will have one even if you meet me on the street. W2HD and KD4RWX also have forms, so getting one should not be a problem.

K2SSB	KE4DDR
K4DU	KE4KJB
K4NZ	KE4NHP
K4RK	KE4OID
K4RKA	KE4YLR
K4UVT	KE4ZNO
KA4JJD	KF4AGT
KA4MCA	KF4APO
KA4VMP	KF4FRO
KA7RMS	KF4FRP
KC4TQF	KF4JHA
KD4ATH	KF4JHB
KD4AZR	KF4JNB
KD4CTZ	KF4MEF
KD4KWE	KF4NOO
KD4NNL	KF4NOP
KD4RWX	KF4NOQ
KD4TOR	KF4RKT
KE4AEK	KO4OC
KE4AQD	

KO4WQ
KS4NW
KT4UO
N2YDW
N3GLZ
N3YFF
N4FWA
N4PGS
N4WJQ
N6AAR
NM4R
W2EIU
W2HD
W2HTJ
W2PVY
W3DX
WA4GHY
WB4RBW
WD4CEN

That's 58 of us and the numbers break down as follows: 27 are in Albemarle County, 16 in Charlottesville, 7 in Fluvanna, 3 in Greene, 1 in Louisa, and 4 are classified as "other" which really means "the other side of the hill"!

ARES/RACES

Dave Damon, KE4YLR

Of the 58 registered ARES members, 12 are Extra Class, 10 are Advanced, 9 are General, 10 are Tech Plus, and 17 hold the Technician Class License. I've pulled some other things out of our database, but won't take up space with them here. If you are interested in further information about our collective

operating capabilities, let me know what information you would like to see, and I will send it to you.

Hope I will have seen you on Field Day.

Public Service Events 1997

Contact Hein, N4FWA, to sign up for events.

DRL1 Thursday 18 September 1997

911 Emergency drill

BKR7 Sunday 28 September 1997

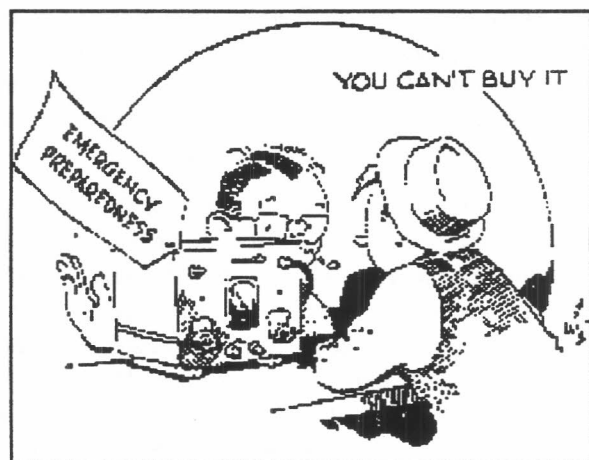
State championships. Walnut Creek Park

HRS1 Saturday 1 November 1997

Montpelier Horse Races

Other Possible/Probable Events:

- ✓ Diabetes walk
- ✓ March of Dimes
- ✓ American Heart Association Walk



Reprinted Courtesy May 1966 QST

New Ham Partner

Part 2 in a series of articles for new hams by Gerry Crenshaw, WD4BIS, from Garland, Texas. Additional articles from Gerry will be coming your way as space in the AARC Bulletin permits.

That First Antenna

Gerry Crenshaw, WD4BIS, Garland, Texas

An antenna for your station is probably your best investment after you have purchased a radio. But how do you choose an antenna, What are these letters after the gain number? What's the difference between dBd and dBi? What's the difference between a beam and an Omni directional antenna? Should you buy or build an antenna?

Choosing an Antenna

Your first consideration for an antenna is space. Take a good look at the area you plan to put that first antenna and have a good idea of large an antenna you can accommodate. Look for power lines or other obstructions prior to picking an antenna. For those of us in urban areas, you need to be aware of antenna restrictions or height restrictions. For those of us in the Garland area, the restriction is 35 foot. As I interpret this ordinance, that's from the ground to the top of the antenna.

Antenna Gain

It is not simply enough to buy the antenna with the highest gain number, but an understanding of how manufactures define gain in an antenna is important. There are two references used by most manufactures when defining antenna gain: dBd and dBi. Gain referenced to a dipole is listed as dBd. Gain referenced to an isotropic source is listed as dBi. Of the two, gain listed as dBd is generally the better antenna. What is an isotropic source you might ask? If you pick an imaginary point in space and from that point all of your power is transmitted, that is an isotropic source. Gain referenced to this point is dBi. When gain figures are listed as dBd, they are using a 1/4 wave dipole cut for the center frequency of the band of interest as the reference. Be careful when looking at a catalog. I was looking through a Cushcraft catalog as I was writing this and some antennas are listed dBd and some are listed dBi on the same page.

Beam Antennas Vs Omni-Directional Antennas

The Omni directional antenna puts you signal into the air in

all directions with about the same signal strength. The beam antenna forces the signal travel in a single direction. A good choice for that first antenna would be an Omni-directional. They are usually not too large, easy to construct, easy to mount and give good coverage. This type of antenna will get you on the air quickly and easily. The beam type of antenna has some hidden pitfalls. Yes they have more gain but are larger, harder to mount, come in box with a hundred loose parts and you will need some kind of rotator to get the best use out of beam. Remember that a beam or Yagi antenna is very directional by design, you will need some kind of steering device to get the best use out of this kind of antenna. If you can't reach your local repeater with an Omni, then go to a beam.

For those of us who want to use packet radio, An Omni is a good choice here. With an Omni, other stations can Digipeat (Digital Repeat) through you. If you have a beam up and the station wanting to Digipeat through you is to the back or side of your antenna, it might make for poor re-transmission of the data.

Buying or Building That First Antenna

Antennas are mostly just wire. For a first construction project, this is what most of us attempt first. Dimensions and detailed construction drawings for antennas such as 1/4 Wave Ground Planes, Dipoles or a Verticals can be found in almost any Amateur Radio Publication. Building an antenna is usually a rewarding experience. Making that first contact on an antenna you built make all the cutting, measuring, drilling and soldering worthwhile. There are several beam antennas that can be built such as a Quad-Yagi, that can be built for a few dollars out lumber and wire that have excellent performance. Larger antennas beam antennas as found in ARRL handbook require specific sizes of aluminum tubing and the dimensions are usually very specific, down to the 64th of an inch, and should be attempted only after some experience has been acquired building other antennas.

That first antenna is going to be the benchmark that you reference all other antennas you might try. Remember that if you hear the other station you can probably talk to them. Mount the antenna with care and please be careful. Something else to remember is that although an antenna is a thing of beauty to us it might not be to your neighbors. Think about starting off small and working up to something else larger after they have gotten use to the idea of having an Amateur Radio Operator in the neighborhood.

73's and GL, Gerry WD4BIS

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Bits and Pieces

From the Governor - Governor Allen has signed a proclamation declaring the week of 22-29 June as Amateur Radio Week in the state of Virginia. The Albemarle Amateur Radio Club (WA4TFZ) has the original of the proclamation. Good luck to all Field Day stations and participants. (-- Harry, W2HD)

Youth Net Goes on Hiatus - For the summer months, the Youth Net is taking a break. The rotating net controls will be back at their microphones this fall, when schedules are less hectic.

Greet the New Folks! - Listen for new member Stan Hazen, K2SSB.

Local Ham Finds Fame in QST - Have you seen the July issue of QST yet? Look for our own Mike, KE4UKX, among the photos on page 19.

FYI - News from the ARRL

Call for Papers

Papers are invited for the 16th annual ARRL/TAPR Digital Communications Conference, set for October 10-12, 1997, in Baltimore, Maryland. Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the conference is not required for publication. Papers are due by August 20, 1997 to Maty Weinberg, ARRL, 225 Main St, Newington, CT 06111; e-mail lweinberg@arrl.org. Paper submission guidelines are available at <http://www.tapr.org/dcc>.

Forum Set on New Licensing System

The FCC has scheduled a public forum to discuss the Wireless Telecommunications Bureau's plans to replace its ten separate licensing-application processing systems with a single, integrated system and database. The new system--the Universal Licensing System or ULS--is projected to be on-line next year. Goals include expanding electronic filing capabilities and speeding licensing. The forum will be July 8, 10 AM, at the Commission Meeting Room (Room 856), 1919 M St NW, Washington, DC. --FCC

Ol' Sol Still Laid Back

Propagation pundit Tad Cook, K7VVV, Seattle, Washington, reports: Solar activity is still low. Although average sunspot numbers were up from 18.3 to 30.1 from

last week to this, average solar flux was down to 70.6 from a low average of 73.1 the week before. Solar flux was below the 90 day average of 74 on every day over the past week. The projection for this month shows the solar flux staying in the mid to low 70s. No geomagnetic disturbances are forecast.

Now that we are moving into the summertime propagation period, expect sporadic-E layer openings on 10 meters through August. Because fewer people are using 10 meters now than at the peak of the solar cycle, many 10 meter openings may go unnoticed. While solar flux remains far too low to sustain reliable activity on 10, sporadic-E skip does provide some interesting short and medium-path length openings, with single-hop propagation out to about 1,300 miles and multi-hop propagation to about twice that distance.

from the ARRL Online Letter, Vol. 16, No. 25



CLASSIFIED COLUMN

To list an item in this section that is NOT on the WA4TFZ packet bulletin board, contact Paul, WB9HGZ or Eileen, WD9EIA.

FOR SALE: By Franklin, KB4MUF. Complete HF station for \$600 firm. Kenwood TS 430-S HF transceiver which transmits SSB, CW, AM and FM on all amateur bands from 10 to 160 meters. Receiver range is from 150 kHz to 30 MHz. Astron RS-20A power supply. MFJ-941C antenna tuner. Kenwood SP-430 speaker and MC-60A desk mic. Call 804-978-3969.

FOR SALE: KENWOOD TS-520 5/15/97

Jerry, WD4CEN, would like to sell a Kenwood TS520 with DG-5 readout and external speaker for \$300. Call him at 804-286-2659 if you are interested.

WANTED: VOM 5/15/97

Bob, N6AAR, is looking for a Volt-Ohm-Meter. Call him at 804-977-1256.

WANTED: VOM, SIGNAL GENERATOR 5/15/97

Ron, K4RKA, has a friend who is looking for test equipment to troubleshoot old broadcast radios. If you have anything suitable, call 804-973-3640 to relay the message. An old tube manual or Handbook would also be useful.

WANTED: 12 VDC POWER SUPPLY 5/29/97

Tony, KF4RKT, 804-985-4817 is looking for a 12 VDC 20-30a power supply.

FOR SALE: TUBE CHECKER 5/29/97

Richard, KO4EV, has a V-1 Heath tube checker for sale. Call 804-973-3723.

WANTED: GRUNDIG SW RECEIVER 6/12/97

A new Sperry employee from Russia would like to acquire a Grundig shortwave receiver to listen to shortwave broadcasts. If you have one or something similar, contact Ron, K4RKA, on the repeater or at 804-973-3640.



CLUB BUSINESS

AARC Board Meeting Date: June 3, 1997

Another report concerning the cost of publications relative to the income from dues was made. It is believed that in order to cover such cost, some adjustments will need to be made concerning what is part of the membership and what may have to be purchased separately. For the 1998 membership year the Club membership directory will likely be published in a monthly newsletter. The more comprehensive directory as members now receive will be set up as a subscription item. The price is TBA but currently estimated to be \$2 if mailed and less if hand delivered. This information is very tentative.

The Secretary has been requested to develop proposed changes to Bylaws which would increase the dues starting in 1998. Final decision on this is subject to a more complete analysis of cost of doing business compared to income from dues. Any proposed Bylaw changes will be presented in the September Newsletter and at the September meeting. Voting to be done during the Annual Meeting in October.

The club will prepare a letter to be sent to the Sprint/Centel phone company requesting a reduction in monthly charges.

K4DU moved that the Club send a \$50 donation to Newsline. A second was heard. We have used that service for a long time now and they depend upon donations. The motion was approved.

AARC Regular Meeting Minutes Date: June 17, 1997

The May Minutes were approved.

A drawing for two computers donated by MS and two (2) scanners was held. Paul (WB9HGZ) won the scanners. Joe (KD4RWX) won an IBM-type computer but he quickly rejected it because of his loyalty to Macintosh computers. Richard (KO4EV) and Nancy (KF4MEF) were then the "lucky" recipients of the computers.

Stan Hazen (K2SSB) was elected into AARC membership.

The Treasurer Reported a balance of \$3851.19. (See Complete report below.)

The letter to Sprint/Centel was mentioned as having been prepared and in the process of being endorsed by the EOC before sending it to Sprint.

Several items related to the soon to be held Field Day were discussed. A Bring-Food list was passed around as was a sign up sheet for operators and log entry persons. Some items still in need were mentioned. Bob (K4DU) provided a more in depth discussion on the topic. J.L. (KE4UKZ) discussed the needs of the Novice station.

Dave (KF4NOP) made a brief presentation concerning an new initiative towards establishing new Club activities. Following a handout on the subject, persons present were encouraged to establish small discussion groups and develop some ideas. Afterwards, this information was collected for a future presentation and possible development of suggested activities.

Albert Emden (KA7RMS), a short term visitor to the Charlottesville area, made a brief statement regarding his most favorable impressions of our club.

Respectfully submitted, Joseph D. Fritz (KD4RWX), Secretary A.A.R.C.

ALBEMARLE AMATEUR RADIO CLUB INC JUNE TREASURER'S REPORT

INCOME	
Directory sales	2.00
Donation	
Packet	5.00
Repeater	95.00
Surplus	155.00
Total Donation	255.00
Dues	970.00
Raffle	<u>127.00</u>
TOTAL INCOME	1354.00
EXPENSES	
Club banner	214.23
Refreshments	100.00
Corp fee	25.00
Entertainment (winter dinner)	31.00
Equipment	324.86
Pager service	225.60
Postage & publication	449.10
Picnic shelter	50.00
Telephone	145.84
Class textbooks	<u>5.00</u>
TOTAL EXPENSE	1570.63
Total income/expense	-216.63
Balance forward	<u>4067.82</u>
Total	3851.19
REPEATER FUND	2564.26
CLUB FUND	1130.83
PACKET	195.00
TOTAL FUNDS	3851.19

Treasurer: Sharon Duvall, KO4OC

AREA HAMFESTS

July 27 - Baltimore RA Television Society, Timonium, MD. For information, contact: Robert Koblisch, N3HATPO Box 5915, Baltimore, MD 21282. 410-467-4634; E-mail: brats@smart.net

August 3 - Shenandoah Valley ARC, Berryville, VA. For information, contact: Irvin Barb, W4DHU, Rt. 3, Box 5385, Berryville, VA 22611, 540-955-1745; E-mail: rixy@crosslink.net

August 16 - Roanoke Valley ARC, Roanoke, VA For information, contact: Ben Vlug, AD4UR, 239 Lynville Dr., Hardy, VA 24101, 540-890-6782; E-mail: ae4ew@ix.netcom.com



DEADLINE for the August issue of AARC
Bulletin is July 20!

Send your articles to Paul (WB9HGZ) or Eileen (WD9EIA) at: 4300 Sylvan Lane, Charlottesville, 22911 (U.S. mail), or at wd9eia.zippo.com (email). To reach us through the club bulletin board, send your messages to Mike, KE4UKX, our resident packet operator, and he'll pass them along.

TEST SESSIONS IN VIRGINIA

07/09/97 (W5YI) Charles D Lowery, 804-572-1581, South Boston

07/10/97 (ARRL) Pat Phelps KE4URC, 757-421-9598, Chesapeake

07/10/97 (ARRL) David Roberts, 540-773-2446, Galax

07/12/97 (ARRL) Ivan R Webb Jr, 540-964-9540, Coeburn

07/14/97 (ARRL) Jimmy L. Flanary K4LMP, 703-452-4592, Gate City


07/19/97 (W5YI) Tony Amato, 804-717-2436, Richmond

07/26/97 (ARRL) Carolyn or John Cavanagh, 540-373-7076, Fredericksburg

07/26/97 (W5YI) Harry Kepley N4THN, 804-642-3517, Gloucester

07/26/97 (W5YI) Harry Kepley, 804-642-3517, Hayes

Remember, call ahead for test sessions. Not all sessions accept walk-ins.

JULY 1997						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
☺ Congratulations to the June Birthday Hams!		1 Board and Technical Session 7:30 pm ☺KD4IGX ☺N4YER ☺K2AOE ☺K4RKA	2 Lunch - Old Country Buffet 11-1 ☺KD4AZR	3 ARES Net 8:00 pm ☺K2RHR	4  Happy Independence Day! ☺W2HTJ	5 6-m net 50.200 8am
6 ☺KF4FYI	7 INFO-NET 7:00 pm 220 Net 8:00 pm ☺K4ISW	8 AARC MEETING 7:30 PM	9 Lunch - Old Country Buffet 11-1	10 ARES Net 8:00 pm	11	12 6-m net 50.200 8am ☺KF4JMX
13 ☺KS4ZR	14 INFO-NET 7:00 pm 220 Net 8:00 pm ☺WA4WQG	15 ☺KA4VMP	16 Lunch - Old Country Buffet 11-1 ☺KE4UKX ☺KE4UKY	17 ARES Net 8:00 pm ☺KD4CUG	18	19 6-m net 50.200 8am
20	21 INFO-NET 7:00 pm 220 Net 8:00 pm	22	23 Lunch - Old Country Buffet 11-1 ☺AD4GK ☺KE4WPF ☺KF4FRO	24 ARES Net 8:00 pm	25	26 6-m net 50.200 8am
27 ☺AB4XT	28 INFO-NET 7:00 pm 220 Net 8:00 pm ☺N4TZE	29	30 Lunch - Old Country Buffet 11-1	31 ☺KF4NOP		

Funshine Express Volunteer Sheet

Name: _____

Call: _____

How may we contact you?

What are your interests?

*If interested in chairing a committee,
check here:*

Thank you for your time!!!

Return form to Dave, KF4NOP, at 4550 Mill Run Lane, Earlysville, VA, 22936, or at dave.narducci@cho.ge.com; or call him at 973-6905 or 296-6500x6505 with your information handy!

1997 ALBEMARLE AMATEUR RADIO CLUB

OFFICERS AND BOARD MEMBERS

President	Bill Bearden	KC4TQF
Vice-President	Joe Giovanelli	W2PVY
Treasurer	Sharon Duvall	KO4OC
Secretary	Joe Fritz	KD4RWX
Directors:	Rick Berman	KO4WQ
	Dave Damon	KE4YLR
	Hein Hvatum	N4FWA
	Bob Pattison	K4DU
	Jessie Preston	KE4OID

COMMITTEE LEADERS

	<u>Committee Chairman</u>	<u>Director</u>
Activities	Hein Hvatum N4FWA	Dave Damon KE4YLR
Education	Ken Johnson WA4GHY	Bill Beardon KC4TQF
Fundraising	E.J. Bearden KD4IGX	Sharon Duvall KO4OC
Publications	Joe Fritz KD4RWX	Joe Fritz KD4RWX
Public Relations	Janie Narducci KF4NOQ	Joe Giovanelli W2PVY
		Rick Berman KO4WQ
Technical	Mike Duvall AC4ZQ	Hein Hvatum N4FWA
Youth	Noah Hillstrom, KF4JHB	Jessie Preston KE4OID

OTHER POSITIONS

ARRL Liaison	Bob Pattison	K4DU
ARES/RACES Coordinator	Dave Damon	KE4YLR
ARRL VE Coordinator	John Gray	W6UJZ
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

146.160/146.760

TONE ACCESS

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.

Newsline program & general news

Net Control: Harry, W2HD

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



AARC BULLETIN

JULY 1997

TO CORRECT LABEL INFORMATION CALL PHONE 973-1738: Your License expires.. Oct 31, 2004 D Y A
 KA4JJD G 1997
Michael F. Rein
 109 Sturbridge Rd.
 Charlottesville VA 22901
 CURRENT MEMBER