

# THE AARC BEACON

A monthly publication of the Albemarle Amateur Radio Club

VOLUME 2012, No 1

JANUARY 2012

Selected as 2011 Dayton Hamvention "Ham Club of the Year"

## 2011 Annual Awards Banquet Dec 13, 2011

## Honorary Member Presentations



**Call to Order** -- The dinner meeting was called to order by Vice President, N4PGS at 7 p.m. N4PGS welcomed everyone and introduced our special guests. All members were invited to state their name and call and introduce their guests. The special guests included: Chip Harding, Albemarle County Sheriff; Col. Steve Sellers, Albemarle County Chief of Police; Tom Hanson, 911 Center Director; Marge Thomas, 911 Emergency Services Coordinator; and Dr. Rich Bradley and his guests.

Tom Hanson, Marge Thomas and Dr. Rich Bradley were Honorary Member Recipients.



Following dinner the Honorary member presentations were made in addition to Meritorious Service Awards that included the current elected Officers and Directors of the Club. Present were L-R Greg N4PGS, Don N4UVA, Mike KA4JJD, Jim K4CGY, Dave K4DND, Linda KI5LLB, and Patsy K4PMC.

Meritorious Service Awards were presented to the appointed leadership of the club. Present were L-R Don N4UVA, Jim K4CGY, Jeff KJ4WGA accepting for Don KE4DDR, Marty W4MBW, Kenneth KJ4KIH, Joe W2PVY, and Dave K4DND.



The January 10, 2012 Monthly Meeting will be held on in the NRAO building on Edgemont Drive in Charlottesville and will begin at 7:30 PM. The primary purpose of this meeting will be to receive annual reports from Officers, Directors, and committee chairs; and to elect officers and directors for 2012. Please plan to participate.

2011 Annual Awards Banquet Cont;



Dave Damon, K4DND, presented awards citing the participation of club members in the Northern Piedmont Emergency Nets during the year, as well as certificates recognizing club member's participation in the Public Service activities for the past year.

AARC PS Certificates were presented to the following: Elmer Scott KF4UCI, Greg Faust N4PGS, Jon Scott KJ4RPW, Don Bush KE4DDR, Kenneth Kang KJ4KIH, Dayton Haugh AA4DH, Mike Rein KA4JJD, Linda Beard KI5LLB, Lenny Vincent N4LXP, Hugh Garrison KJ4ZIL, John Ball KU4KAE, Stan Hazen K2SSB, Patsy Crosby K4PMC, Jim Owen K4CGY, Jim Crosby K4JEC, Mike Gilmore K8RVR, Bill Pond N0WP, John Turchi KI4DJT, Dale Castle KD4EAP, Bill Phillips AD6JV, Manny Rodriguez K4MSR, Jill Anderson KG4TFS, Don Eason N4UVA, Daniel Milner KJ4YHE, Vic Vickery N3DFS, Jim Lawrence KK4EDT, Bill Steo K4FZE, Dave Jones K4NZ, Larry Martin KB4TBF, Shannon Tevondale KJ4VJR, Jeff Bush KJ4WGA, Wes Epperly K4WLE, Glenn Shumaker W4XR, and Dave Scott KN4ZQ.

Certificates were presented to the following NPEN participants: Harry Dannals W2HD, Joe Giovanelli W2PVY, Jim Owen K4CGY, Ron Richey K4RKA, Stan Hazen K2SSB, Don Bush KE4DDR, Jim Crosby K4JEC, Patsy Crosby K4PMC, Dayton Haugh AA4DH, Jerome Ix KI4DLA, Bill Arnold K4IB, Bruce Collins AA4CN, and Bill Phillips AD6JV.

Two final awards were made to recognize Marty Wangberg, W4MBW, as the "Ham-of-the-Year and Elmer Scott, KF4UCI, was presented the Hein Hvatum Public Service Award in recognition of his unique contributions to the club's public service activities during 2011.



Dave K4DND presented The Hein Hvatum Public Service Award to Elmer KF4UCI in recognition of his unique contributions to the club's public service activities during 2011.



Jim K4JEC presented "Ham of the Year for 2011" award to Marty W4MBW for his contribution to AARC.

Adjournment—Following the awards presentation the dinner meeting was adjourned.



Last, but not least, Mike KA4JJD is over-heard asking "you want to buy how many more raffle tickets???"

AARC raffled off a really nice Wouxin UV3D VHF/UHF radio which was won by Jonathan KJ4RPW.

## AARC Public Service 2011

### AARC Public Service 2011

2011 was a record year for AARC public service, in a number of events worked, the number of hams participating, and the number of hours of service contributed. Of all Amateur Radio activities that are conducted in public and designed to foster public acquaintance with the Amateur Radio Service, the most visible and the one with the greatest impact to the greatest segment of the non-ham population is public service. When you consider the number of runners and bikers participating in these events, families and friends attending to support their participants, event staff and volunteers at rest stops, you are talking about a large number of people who see and appreciate the "nuts and bolts" of the service we provide.

AARC members participated in a total of 12 events in 2011, 11 of these were AARC responsibility. One was an event for which we provided assistance to the Fluvanna County ARES hams. Thanks to those same Fluvanna hams, we were able to field an adequate roster to work one of our events on a day when we were providing service for two events.

Our schedule this was made up of the following events:

1. Bel Monte Endurance Run. This 14 hour event supported by 12 hams is an extreme mountain running event, of half-marathon, 25 and 50 kilometers on single track trails, jeep roads and the Blue Ridge Parkway.
2. Lake Monticello Triathlon. This Fluvanna County ARES activity was supported by 6 AARC members.
3. Jefferson Cup Bike Race. A 10 hour event using the service of 7 AARC members, which has supported this event for over 20 years.
4. Tour de Greene. Eleven hams worked this one day bike tour of Greene County sponsored by the Spring Hill Baptist Church and benefiting Greene County Habitat for Humanity.
5. MS-150 Bike Tour. Two 10 hour days make up this event and each day is considered for our purposes as separate event. A total of 19 hams participated in these two days. This was the 24<sup>th</sup> year of AARC support of this event.
6. June Sprint Triathlon. A short duration event using the services of 9 hams.
7. July Sprint Triathlon. Also short in duration, a total of 8 hams provided service.
8. Devils Backbone Mountain Cross. Six hams worked this event, the 4<sup>th</sup> year we have done so.
9. Jefferson Sprint Triathlon. As this event was scheduled for the same day as event #8, a team of hams from Fluvanna assisted the AARC with this event.

10. Boys and Girls Club Cycling Challenge. This was the first year of AARC support for this event, and we look forward to seeing this 9 hour event in which 13 hams participated again.

Ultra Race of Champions. A long (20 hr) event that has now taken the place of the Great Eastern Endurance Run. Courses up to 100 kilometer of trails, fire roads, and the Blue Ridge Parkway were covered by 11 hams.

At the completion of each PS event, a report is filed with ARRL. Information of interest to the League includes the number of hams, number of ham hours of service, and costs of equipment, all in an effort to reflect a value of the service. In the case of our 12 PS events, 36 different hams participated in one or more events, accumulating 1,025 ham hours of service. At the ARRL recommendation of \$19 per ham hour, this amounts to slightly over \$18,000 in value added to the public. For equipment costs, I use a benchmark value of \$300 per ham, which while certainly below the actual costs to each amateur in the field, at the least represents, an HT, additional battery and perhaps an upgraded antenna. At this value, our 36 participants are using almost \$11,000 of personal equipment in support of these events. During our PS schedule, we used at least seven different repeaters, each of which I value at \$3,000 for another equipment total of \$21,000. This makes a cumulative total value added to our events by local amateur radio resources of \$49,900 which is no insignificant benefit to the organizations, sponsors and participants.

With many thanks to all, the following AARC members helped provide this amount of support for 2011, Elmer Scott KF4UCI, Greg Faust N4PGS, Jon Scott KJ4RPW, Don Bush KE4DDR, Kenneth Kang KJ4KIH, Dayton Haugh AA4DH, Mike Rein KA4JJD, Linda Beard KI5LLB, Hugh Garrison KJ4ZIL, John Ball KU4KAE, Stan Hazen K2SSB, Patsy Crosby K4PMC, Jim Owen K4CGY, Jim Crosby K4JEC, Mike Gilmore K8RVR, Bill Pond N0WP, John Turchi KI4DJT, Dale Castle KD4EAP, Bill Phillips AD6JV, Manny Rodriguez K4MSR, Jill Anderson KG4TFS, Don Eason N4UVA, Daniel Milner KJ4YHE, Vic Vickery N3DFS, James Lawrence KK4EDT, Bill Steo K4FZE, Lee Moyer K4ISW, Dave Jones K4NZ, Larry Martin KB4TBF, Jeff Bush KJ4WGA, and Wes Epperly K4WLE. Also many thanks go to non AARC members Lenny Vincent N4LXP, Shannon Tevondale KJ4VJR, Glenn Shumaker W4XR, and Dave Scott KN4ZQ.

Thank you all again for the great service you provided, the year could not have gone better due to your volunteered time and effort. Whether you worked one event or several, each event you worked was a success because you were there. If you didn't help out with the AARC PS schedule during 2011, make sure to set aside some time in 2012 and be a part of this great team.

Dave K4DND

## DX NOTES - NOVEMBER 2011; CONT.

DX NOTES – for the Jan 2012 Beacon

Although I usually focus on DX tips, I think some info on upcoming contests may be useful in this Holiday season. Upon reviewing the Jan 2012 QST contest Corral, the following may be of interest – with or without DX:

So, on to some upcoming DX of interest:

A6 – United Arab Emirates. Gerry, VE6LB will be operating as A6/VE6LB in Dubai from 20 Dec – Jan 10 on 40-10M. QSL to his home call.

JD1 – Minami Torishima. Take, JG8NQJ will be there soon and operating until mid March as JG8NQJ/JD1 on the HF bands, CW and SSB. QSL to home call.

UR, Ukraine. – Special event station EM1000USK will be on until 31 Jan in celebration of the Millennium of the St. Sophia Cathedral in Kiev. The QSL card will likely be very special; QSL to UT8UF.

Antarctica, VP8DMH . M0PRL will be operating from the Halley Station V& VI bases until Feb 2012 on HF. Should be a good opportunity to work Antarctica on multiple bands. QSL to home call.

Other DX info can be found in the ARRL weekly DX bulletins, QST's DX column and CQ Magazines DX section.

Good luck and see you in the pile-ups . . . or in some contests.

73, Alan K9MBQ

The following News is from the HK0NA Malpelo Island DXpedition team;

On December 26th four members from the HK0NA team (HK1N, H K 1 T , H K 6 F a n d HK1MW) have departed from the pier of the Navy Base BAHIA MALAGA aboard the Patrol Boat JOSE MARIA PALAS.

The target of this advanced team called THE FANTASTIC FOUR is to set up all the 11 stations, the 2 camps and the wireless network, in order to have all ready when the main group arrive on January 21, 2012. To these four brave men who are going to spend more than 40 days on the island and sacrifice the Holidays away of their families, we have to express our admiration and gratitude.

<http://hk0na.com/category/latest-news/>

## 60 METERS NEWS UPDATE:

Last month the FCC released a Report and Order (R&O) detailing new rules for the 5 MHz (60 meters) Amateur Radio band. These rules have not been published in the Federal Register. In order to be official, the rules must be published in the Federal Register and will take effect 30 days after the publication date. The R&O brings with it a number of changes for 60 meter operators . . .

- The frequency 5368.0 kHz (carrier frequency 5366.5 kHz) is withdrawn and a new frequency of 5358.5 kHz (carrier frequency 5357.0 kHz) is authorized.
- The effective radiated power limit in the 60 meter band is raised by 3 dB, from 50 W PEP to 100 W PEP, relative to a half-wave dipole. If another

type of antenna is used, the station licensee must maintain a record of either the antenna manufacturers data on the antenna gain or calculations of the antenna gain.

- Three additional emission types are authorized. Data (emission designator 2K80J2D, for example, PACTOR-III), RTTY (emission designator 60H0J2B, for example, PSK31) and CW (150HA1A, i.e. Morse telegraphy by means of on-off keying). For CW, the carrier frequency must be set to the center frequency. For data and RTTY the requirement to transmit only on the five center frequencies specified may be met by using the same practice as on USB, i.e. by setting the suppressed carrier frequency of the USB transmitter used to gener-

ate the J2D or J2B emission to the carrier frequency that is 1.5 kHz below the center frequency. Considering the expected increase in 60 meter activity when the R&O finally takes effect, the ARRL is asking for feedback to assist in crafting a proposed band plan. For example, what modes and activities should be recommended for the various channels?

If you're a 60-meter operator, e-mail your suggestions to [hf-band-plan@arrl.org](mailto:hf-band-plan@arrl.org). You can also participate in an online survey at: <http://www.zoomerang.com/Survey/WEB22E8M4Y8D39/>

## PRESIDENTS LETTER

### “President’s Comments”

We ended 2011 with a great list of accomplishments and that will certainly be one year to remember because we were recognized as the Club-of-the-Year by the Dayton Hamvention, we participated in a record number of public service events., we purchased a new repeater, rebuilt one, purchased two new controllers and enclosures for them, our treasury is healthy even after the major repeater maintenance expense and the club membership has grown over the past couple of years. We are on a roll!!!

Today, it is time to look toward 2012 with the same enthusiasm and gusto. Our club has a wonderful pool of talented people representing all walks and works of life to draw upon when special study and consideration is appropriate to our mission. I am really impressed to find that prior to the end of 2011, 59 members appear on our roster as current in dues or exemptions for 2012. That is another record following the record turnout for our Annual Awards Banquet and the record number of awards presented there. We named three new Honorary Members, 24 Meritorious Service Awards were presented to the elected and appointed leadership for their unselfish services to the club, 34 certificates were presented to members for their participation in the club’s public service activities and more than

a dozen certificates were presented to members for their participation in the Northern Piedmont Emergency Nets. The highlight of the awards was the presentation of the “Member-of-Year Award” to Marty Wangberg, W4MBW, for his work as editor of *The Beacon*; and the Hein Hvatum Public Service Award to Elmer Scott, KF4UCI, who exemplifies the club’s dedication to Public Service.

I have been asked if I am willing to accept nomination for a second term as your president. I have stated to the Nominating Committee that I am willing. However, if there is another member who really wants the job, I will accept the position of past president with gratitude. I have attempted to serve the club to the best of my ability in each office I have had the pleasure to hold. I have always put the best interest of the club ahead of any personal agenda and in doing so I know I have inadvertently stepped on some toes. For this, I apologize and my only excuse is that, true or not, I always felt I leaned toward the ultimate goal of leaving the club better off for my having served it. In the end, the choice is yours and you now have a year’s experience from which to make the judgment. Do you want more of the same or is now the time to start with a new face because I am too old to promise to change even though in

my heart, I really want to love everyone and have everyone love me. My head tells me that is impossible so here I am with spots clearly revealed and willing to accept re-election should the majority of you want more of the same.

### Member News to Note

Henry A Konat, W4HAK, a longtime member of AARC lost his wife two days before Christmas and reported “it was a devastating loss after 51 years of marriage.” He responded to a general announcement sent out to the club members with, “Thank you so much for the kind words and the notice to members of the greatest Amateur Radio club in the world. It’s a devastating time for me after 51 years of a wonderful marriage.”

Henry and his wife Barbara Ann Konat resided in Madison County where she was a past Regent of Montpelier Chapter DAR, past Matron of the Neshaminy Chapter No. 374, Order of The Eastern Star, former President of the Extension Home Makers Club of Madison and a former secretary of MESA.

Barbara was 72 at the time of her passing. She will be interred at Washington Crossing National Cemetery in Newton, Pennsylvania. Henry’s address is: P.O. Box 746, Madison, VA 22727. His email address is henryk54@verizon.net.

## QRP NEWS FOR JANUARY 2012

So, 2012 is here and there are two events during the month of January::

First off is the 2012 QRP ARCI PET ROCK CELEBRATION this coming Saturday, 7 January, 2012 from 1500Z to 1800Z on 7 January 2012. Mode of operation is CW and the exchange is: Members send: RST, State/Province/Country, ARCI member number while

Non-Members send: RST, State Province, Country, Power Out. Dust off those xtal-controlled rigs and get in on this neat, fun event. There are bonus points for xtal-controlled rigs so visit [www.qrparci.org](http://www.qrparci.org) and click on the "QRP ARCI contest" link on the left to see the rules. If you're going to enter this event, or even if you aren't and are just "cruising

around on the bands," please remember to visit the additional frequencies where rock-bound enthusiasts are hanging out these days, e.g., 7100 to 7125, as they sure would appreciate getting a chance to show off their rigs as well as gain experience via QSOs with us all! Second is the 2012 QRP ARCI Winter Fireside SSB Sprint that is

## QRP NEWS CONT:

scheduled for the 29th of January, 2012 from 2000Z to 2359Z. Mode of operation is SSB (I believe I have a microphone around here somewhere) and the exchange, for members is RS, State/Province/Country, ARCI mem-

ber number while non-members send RS, State/Province/Country, Power Out

Again, check the contest link at the web site for the "particulars" as there is a nice bonus point addition for oper-

ating portable! I'll be certain to wash my throat out with SOMETHING so I can join in the fun!

72, Jim Rodenkirch, K9JWVQRP  
ARCI Contest Manager.

## Amateur Radio: The Great Equalizer—Harry W2HD

In the March 24, 1993 issue of The Daily Progress the following title appeared at the top of the page, relating to an article written by a staff writer visiting here at my home. The interview was brought about by my selection as the Dayton "Ham of the year" a few weeks earlier. The writer followed the title with the following words, "Local ham Harry Dannals enjoys his ride on the airwaves of the world",- an interesting view by a great young lady reporter.

Now, of course, what did the title really mean? In my way of thinking at that time and very simply explained in those earlier days and still true today

is the simple fact that all of us licensed Radio Amateurs took an FCC examination to achieve our present status and that is part of the equalizer definition. Let's take a little closer look at that meaning.

Another quote from the "Progress" article appeared below my photograph at the rig and stated, "When I'm on the radio, I don't know if the person I'm talking to is red, blue, pink or green and I don't care because we're exchanging ideas." And, isn't that true? Still more examples of the "equalizer" experience are easily found in our day-to-day Ham Radio operation and they are highlighted in words to follow. Kings, movie stars, political leaders doctors.

lawyers, candle-stick makers, scientists, students and you and I are all covered under the blanket of the FCC Rules and Regulations. Our ranking in the world does not entitle us to any more operating privileges than our license covers.

Oh, sure, some stations run high power and massive antenna systems from the top of the highest locations in the area and that's an advantage. However, each of us has that same opportunity if we have the dollars to cover the situation. Once again, equality is firmly in place. And that fact makes it so easy to manage our own Amateur Radio activities in complete comfort. I have enjoyed that great feeling of satisfaction in my decades on the air. How about you? 73, Harry W2HD



Joe W4BXG and his lovely wife Helen enjoying the festivities at the Annual AARC Awards Dinner....Joe asked Marty W4MBW to take a photo of them together....little did he know it would be featured in the January 2012 AARC Beacon newsletter.

## AARC Club Nets

### **Monday-Night Information Net:**

The Information net is held every Monday night at 7:00 PM local time on the 146.760 repeater. Your regular net control, W2HD, brings you news from the ARRL Bulletin and W2PVY provides the Amateur Radio newslines in real audio format.

### **Northern-Piedmont Emergency Net:**

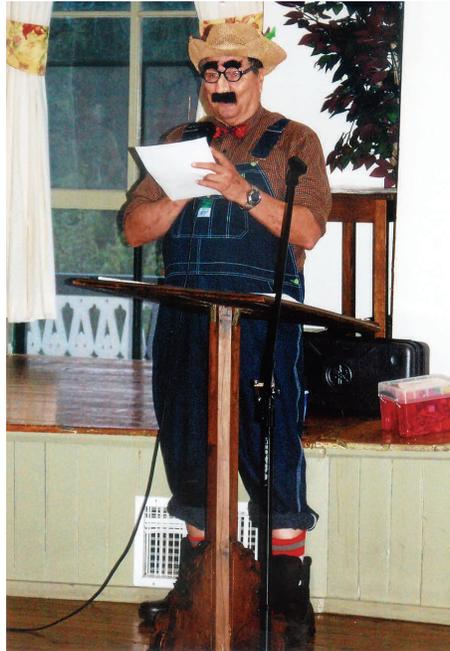
The Northern-Piedmont Emergency Net meets every Thursday evening at 8:00 PM on the 146.76 or the 146.895 repeater. The NPEN is a directed net with rotating net-control intended to assist local amateurs with building emergency operating capabilities.

## THE PROFESSOR SAYS.....

FCC regulations control the amount of RF exposure to humans that is permitted from your station's operation. These rules can be found in *The ARRL FCC Rule Book* Chapters 9 & 10. The regulations set limits on the maximum permissible exposure (MPE) allowed.

Originally, the FCC rules did not require the Amateur Radio Service to evaluate their stations. The FCC announced a change to the rules in 1996 that lowered the permitted exposure levels, and more important to hams, removed the categorical exemption for Amateur Radio. The following chart offers a guide for evaluating your station.

The FCC has defined two exposure environments – controlled and uncontrolled. A controlled environment is one in which the people who are being exposed are aware of that exposure and can take steps to minimize that exposure. In an uncontrolled environment, the people being exposed are



not normally aware of the exposure. The uncontrolled environment limits are more stringent than the controlled environment limits. The controlled environment limits

can be applied to your home and property to which you can control physical access. The uncontrolled environment is intended for areas that are accessible by the general public, normally your neighbors' properties and the public sidewalk areas around your home.

The FCC has prepared a bulletin, OET Bulletin 65; *Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields*. They also offer OET Bulletin 65, Supplement B: *Additional Information for Amateur Radio Operators*. Both of these are available from the FCC on the Web at: [www.fcc.gov/oet/info/documents/bulletins/#65](http://www.fcc.gov/oet/info/documents/bulletins/#65).

Amateur Radio is a fantastic hobby but it does require some knowledge to be safe.

Jim, K4JEC

### Power Thresholds for Routine Evaluation of Amateur Radio Stations

Wavelength Band	Evaluation Required if Power* (watts) Exceeds:
	<b>MF</b>
160 m	500
	<b>HF</b>
80 m	500
75 m	500
40 m	500
30 m	425
20 m	225
17 m	125
15 m	100
12 m	75
10 m	50
<b>VHF (all bands)</b>	50
	<b>UHF</b>
70 cm	70
33 cm	150
23 cm	200
13 cm	250
<b>SHF (all bands)</b>	250
<b>EHF (all bands)</b>	250

**Repeater stations (all bands)** *Non-building-mounted antennas:* height above ground level to lowest point of antenna < 10 m and power > 500 W ERP

*Building-mounted antennas:* power > 500 W ERP

\*Transmitter power = Peak-envelope power input to antenna. For repeater stations **only**, power exclusion based on ERP (effective radiated power).

### Editor's Notes: Marty W4MBW

During my research on "small magnetic loop antennas" I discovered that, due to the extremely high currents at resonance in a magnetic loop antenna, very high Electro-Magnetic-Radiation (EMR) is present within close proximity of the antenna itself. Differing opinions are present regarding the "safe distance" required to meet FCC requirements. Generally, however, different frequencies require different "safe distances" with higher frequencies requiring more caution.

Leigh Turner, VK54KLT writes: Care must be taken not to touch the loop when transmitting and to keep a safe distance away from the loop's magnetic near-field to ensure conservative compliance with EMR standards for human exposure to EM fields. A distance equal to or greater than one or two loop diameters away is generally a safe field strength region. RF burns to the skin from touching the loop while transmitting are very unpleasant and take a long time to heal.

**MFJ warns to never operate a magnetic loop antenna where people are subject to high levels of RF exposure, especially above 10 watts or above 14 MHz.**

## Why I 'll Keep my Call; Michael KA4JJD

It was 1994, and I had completed the superb Novice Course conducted by Ron Richey, K4RKA. I received my ticket with call sign KA4JJD, which was not one that immediately generated an amusing, appealing, meaningful, informal phonetic. But what the heck, I was very excited. The next day, I ran across to the Corner, where, in the basement of what was then Chandler's Drug Store, one might obtain made-to-order t-shirts.

With great pride, I approached the counter and the pathologically skinny young man standing behind it. "I would like a t-shirt that says KA4JJD," I exclaimed. "Huh? What? Huh?" replied the clerk. "KA4JJD," I tried again. "Huh? What?"

he tried again. "Kilo alpha four Juliet Juliet delta" I tried, in the hope rather than the expectation that phonetics would help. "Write it out." So I did, and, moving slowly, he made up the t-shirt (which I still have).

I was surprised to watch him hold up the completed shirt and study it carefully. I was more surprised to see him turn it upside down and study it carefully. I was most surprised to see him hold it up to a mirror, right side up and upside down, and study it carefully. Then he called to his colleague, who obligingly came over, and they both studied the shirt carefully. Once again (I am not making this up), they held it up to the

mirror for some time. "This is dirty, isn't it?" said the first clerk, *sotto voce*. "Oh yeah, gotta be," responded his consultant. "You know, we are not allowed to make dirty t-shirts."

I confess that I declined to tell them what the shirt meant, but they let me have it anyway.

Having recently passed my Amateur Extra exam, thanks to the excellent teaching of Bill Phillips, AD6JV and his faculty, I have the opportunity to change my call. But heck, who could improve on a suspicious call like KA4JJD.

## Frostfest 2012 information

***All of us at RATS hope that you are enjoying a wonderful holiday season! Plans are well underway for Frostfest 2012 with many, many vendors on board, and many more yet to come! Don't forget to purchase your flea market tables and admission tickets at [www.frostfest.com](http://www.frostfest.com) You can save \$1 on your tickets, and get in a half hour earlier than buying at the door. Purchase early so you'll get your choice of tables too!!***

***We look forward to seeing you at the hamfest on Saturday, February 4, 2012***

***from 8:30 AM (8:00 AM if you pre-purchase your tickets) until 3:30 PM at the Richmond Raceway Complex. Get all the details at [www.frostfest.com](http://www.frostfest.com)***

### K4JEC Notes:

The AARC has traditionally had a club table at the Richmond Frostfest from which to vend equipment belonging to the club, as well as items from members. It has been the club policy that if individual items are sold from the club table, a donation would be made to the club to cover the cost of the table and tickets for those who are willing to work at the table. This is an item that must be approved at the January board meeting where the specific details will be specified.

The decision becomes much easier for the board if we have members who have items to sell and members who are willing to set up and staff the table. So, if you want to offer your items and/or offer your time to help setup and work the table, now is the time to communicate that offer to any member of the board.

**The next meeting of the AARC club will be the annual meeting for the election of officers and directors for 2012. Please put the date on your calendar for January 10th, the second Tuesday in January. The meeting will be held at the NRAO a 7:30 PM.**



## The Beacon Mission

The official newsletter of the Albemarle Amateur Radio Club, Inc. will strive to communicate with, enlighten, and entertain the members of the club in strict compliance with the official word of the club as set forth in the Articles of Incorporation and Bylaws as administered by the officers and directors who constitute the Board of Directors. The newsletter shall be published monthly on or before the 1st day of the month of issue. The deadline for submissions shall be the 25th of the month preceding the month of publication. The primary role of the publication shall be to promote upcoming activities, report past activities and accomplishments of the club and its members, carry the minutes of the preceding month's Board Meeting and General Membership Meeting, include an official club calendar of the month, as well as, become a recorded history of the club by the archival of all past issues as paper copies contained within a single notebook for each year of publication.

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## Hams Helping Hams

### AARC Club Repeaters

146.760 (-) 151.4 Hz Tone

146.925 (-) 151.4 Hz Tone

146.895 (-) 151.4 Hz Tone

224.760 (-) No Tone

444.000 (+) 151.4 Hz Tone

444.250 (+) 151.4 Hz Tone

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**Marty Wangberg W4MBW.....Newsletter Editor**

**Bob Dorsey W4RQ .....Newsletter Editor Emeritus**



**AARC 2011 Elected Leadership**