



# The Beacon

A monthly newsletter of the Albemarle Amateur Radio Club serving Central Virginia

**Celebrating our 52<sup>nd</sup> Year**

November

2015

**On Tuesday, November 10, the club will meet at the NRAO, 520 Edgemont Road in Charlottesville. We will be having Rob Capon W3DX give us a talk on Summits on the Air (SOTA). Rob was first licensed in 1972 and is an avid DXer, and has worked all countries. He enjoys QRP, and has built over 30 QRP kits, and worked over 200 countries with 5 watts or less. He is constantly tinkering, and has had about 10 articles published in QST.**

## President's Corner

By Ed Berkowitz – N3US



This fall our club has stepped up our efforts to reach out to the youth in our community. The AARC participation in the Tech Tour on October 8 was successful. More details about this event are contained in an article in this month's Beacon by Michael Rein, KA4JJD. On November 8 from 3 – 5 p.m. we will again reach out to the youth in our community by participating in the Maker's Fair at Barnes and Noble at the Barracks Road Shopping Center.

On October 31, we will demonstrate Ham Radio at the Boy Scouts Apple Harvest Camporee at Pleasant Grove, Fluvanna County. If you would like to participate in either of

these events, please contact Jim Wilson, K4BAV, for the Barnes and Noble event and Dennis Terribile, WR4I, for the BSA event. If you have suggestions for other youth-oriented events in the community or for activities within the Club, please let me know.

Information and details about our Annual Awards Dinner on Tuesday, December 8 (in lieu of our regular monthly meeting) appears on our website along with a signup

The AARC Annual Awards Dinner will be held at the Doubletree Hotel, 990 Hilton Heights Rd, Charlottesville, VA 22901, at 6 p.m. on December 8. The total cost per person for their Chef's Choice Buffet will be \$19. This includes a non-alcoholic beverage and a cash bar will also be available.

We encourage all members to bring guests to this joyous occasion. Please sign-up on the website and mail your checks payable to AARC, P.O. Box 6833 Charlottesville, Virginia 22906. Or you can give you checks to the club Treasurer, Don Eason, N4UVA, at the November 10 meeting. Awards, special raffle prizes, and our usual exceptional fellowship will be manifest at this annual event. The deadline for signing up is December 1.

Speaking of awards, do remember that the AARC presents both operating and service awards. The operating awards are easily obtained by and meant to encourage new operators, particularly on HF. The service awards include many club functions. Has a member of the AARC served as a valuable mentor to you? Nominate that member for our Elmer Award. Details of this and other awards can be found in an article elsewhere in this edition of *The Beacon*.

The ARRL is a great source of email bulletins on various subjects within ham radio, including DX, participation in emergency traffic nets related to severe weather events, propagation, various operating events, awards, Morse Code practice, etc. These email-issued bulletins are available free to both ARRL members and non-members. See <http://www.arrl.org/bulletins> for details about signing-up to receive the bulletins of your choice.

At our November 10 club meeting, I will announce a Nominating Committee for our Club Officers for 2016. Please contact our Nominating Chair, Dave Damon K4DND, [k4dnd@arrl.net](mailto:k4dnd@arrl.net), if you are interested in serving as an Officer of AARC for 2016. Board members serve a two-year term. Alas, the AARC provides neither salary nor special parking privileges for these important positions.

## Our VP's Report

by Larry - K4JZQ



Many thanks to John Green KX4P, who, at last month's meeting, gave us a very interesting and informative presentation on his work renovating Collins radio equipment. Even though I was not present due to my trip overseas, many members have indicated that John's talk was enjoyed by a good number of those members present. Again, our thanks to John for coming up from NC to give this presentation and to Ed N3US for helping to coordinate this talk during my absence.

On November 10 we will be having Rob Capon W3DX give us a talk on Summits on the Air (SOTA). Rob was first licensed in 1972 and is an avid DXer, and has worked all countries. He enjoys QRP, and has built over 30 QRP kits, and worked over 200 countries with 5 watts or less. He is constantly tinkering, and has had about 10 articles published in QST.

During the past year we've tried hard to balance our speaker's presentation to include information from both the past, present and the future as it relates to ham radio. Making these presentations interesting for all our membership is quite a challenge, especially as there is a desire on all of us to recruit new members while enjoying the experience and educational background of those older and more experienced hams.

I want to assure you that I, as your program director, take all suggestions and ideas for topics seriously; **BUT** without specifics from members, or volunteers to participate in our monthly talks it's a little hard to bring varied topics and/or ideas to the general membership.

Any topic on ham radio that might be of interest is welcome for consideration, especially if it is new, different, pushes the envelope, and needs to be discussed within the Club as we go forward into the future. Again I encourage any member or someone you know (even if they are not members of AARC) to give a presentation to the Club sometime during 2016 at one of our monthly meetings. In order to get Club support for anything new we first must educate all of our

members on various new ham technologies and show them the advantages of the new vs. the disadvantages of the old system of how to do things. With such a presentation you can help move the Club toward further consideration and possible funding support for such a new technology. You can play an important part in that change but it means speaking up in support of your favorite topic. Volunteer to give a talk. Without that effort on YOUR part, certainly not much is going to happen. That's just the reality of any club. Sitting on the sidelines doesn't accomplish anything. Advocacy means action! Let me hear from you at <[tuzlu@comcast.net](mailto:tuzlu@comcast.net)> or 434 975-4231 to arrange a talk!

## AARC Meeting Minutes for November, 2015

### Board Meeting

The October Board meeting was called to order at 7:03 p.m. at NRAO on UVA grounds.

President Ed opened a discussion regarding the banquet in December. AJ reported that the Elks Lodge will be contacted for a specific cost. In the meantime, he asked for approval of a budget for raffle items for the dinner. A motion was made to approve \$225 for raffle prizes. The motion was approved unanimously.

Ed asked for volunteers for the Nominating Committee and after an uncomfortable pause asked Michael Rein to discuss the Awards for the dinner. Jim K4JEC asked about the Hein Hvatum N4FWA Award for Outstanding Work on Public Service Activities. He pointed out that it somehow got dropped from the awards list. It was agreed it would be put back on the list.

The board meeting was adjourned at 7:25 p.m. and a five minute break was announced before the call of the General Membership Meeting.

**General Membership Meeting** -- The meeting was called to order by President Ed Berkowitz at 7:30 p.m. with 33 members present. He called for reports from the secretary and treasurer.

**Secretary's report:** Requested approval of the August Meeting Minutes as published in the newsletter. Minutes were approved as printed by unanimous vote.

**Treasurer's Report:** Don Eason, Jr. the treasurer, filed the following report with the club for the preceding two months.

Balance as of 9/30/2015:	\$5,640.11
Debits:	\$470.46
Credits:	\$1,029.72
Balance as of 9/30/2015:	\$6,199.37

The treasurer's report was accepted on a motion by AJ and approved unanimously.

### Other Reports

Ed stated he was disappointed that he found no videos at ARRL aimed at young people.

AARC participation in the Boy Scout Apple Harvest Camporee – a two day event that features exhibits October 31<sup>st</sup>. He said we need volunteers to set up a ham radio exhibit and anyone willing should contact Dennis Terrible W4RI.

Ed asked for approval of two new members in the persons of John Athayde KK4JFJ and John Porter KM4NIZ. Their membership was approved by unanimous vote.

Jim Crosby pointed out that Charles Winkler KI4HWE had renewed his membership after a ten year absence and asked that he be welcomed back with a round of applause.

Dave Damon K4DND asked for the floor to place the name James Crosby K4JEC in nomination for Life Membership which had been previously approved by the Board. He read his nomination letter to the membership of which a copy has been entered into the minutes of the meeting. The nomination was approved in a unanimous vote. Jim, when asked for a comment, was speechless.

President Ed suggested we start an Antenna Team to assist our fellow amateurs who need help with their antennas. If anyone is interested, please let Ed know.

Bob Pattison K4DU announced that Our Lady of Peace has made a room available for the establishment of a ham shack and he will need some volunteers to assist with this work. We now have several members of the club in residence within the facility and this could help them stay in contact with their fellow amateurs.

Ed advised he has copies of the Member Directory for anyone needing a copy.

Bill Pond N0WP reported that most repeaters are back in working order with the exception of the Hurd Mountain Repeater 146.925. He stated we need some filters on all repeaters to drop out some repeated interference. He said they would cost \$410 apiece. It was approved that we order one for the 146.895 repeater to replace one we are borrowing from Dave K4DND. It was approved unanimously.

Ed asked that we go around the room and introduce ourselves noting that he forgot to do that earlier. Ed thanked everyone for their generous support and introduced John Green who offered a presentation of the restoration of a Collins KWX1.

The meeting was adjourned at 9 p.m.

Respectfully submitted,

Pat Crosby K4PMC, Secretary

## AARC Participates in Tech Tour 2015

By Michael Rein KA4JJD

Organized annually by the Charlottesville Business Innovation Council, Tech Tour 2015 included 72 technologically-involved companies' hosting 90 student tour groups of 12-15 students. Almost 400 seventh through tenth graders from 23 local middle and high schools participated on October 8.

**Mike McPherson KQ9P** served as a member of the Tech Tour Committee and contributed much of the planning and logistics for the entire event. **Dave Damon K4DND** and **Bill Phillips AD6JV** served as tour guides.

**Ed Berkowitz N3US**, **Jim Owen K4CGY**, and **Michael Rein KA4JJD** staffed a session on Amateur Radio at Piedmont Virginia Community College. We were visited by groups from Walton Middle School and Sutherland Middle School.

Ed presented a classic video showing CW senders beating teen texters at transmitting a message. He also showed a short video on the joys of DIY among hams. This video included lots of young hams who were building rather advanced radio projects. He then presented a slide show on the breadth of ham radio, including the radio-internet interface, drones, amateur television, propagation, and international friendships. He described how his experience with ham radio had influenced his choice of careers, and he catalogued the many different, specific interests pursued by members of the AARC.

Jim presented a display on electronic miniaturization over the decades. He also discussed how amateur radio had influenced his choice of career. He described DX and contesting, and he displayed a new miniature, portable ham station. He also noted how one could get into amateur radio with a relatively small financial investment.

Michael focused on entry-level projects in ham radio, indicating that he had just learned to solder, and presenting his first project (flashing lights) and a short-wave receiver that he had built from a kit. When he displayed and described Arduino single-board computers and presented his first program (a light that flashed his call sign) he was informed that most of our visitors were well-versed in Arduino, using it in classes in school, and were far more sophisticated than he was. Michael also ran an HT receiving 146.730, which was full-quieting, and which demonstrated our ability to talk over long distances with small equipment. He also displayed fldigi, showing a waterfall display and, of course, in this setting, gibberish.

The students asked many excellent questions ranging from why, unlike their cell phones, use of our airwaves was free. Other questions dealt with the privacy of on-air conversations, the availability of introductory courses from AARC, our collaboration with balloon projects, our involvement in science fairs, languages frequently used and

heard on the air, more advanced Arduino projects with amateur radio, and other uses of computers in the hobby.

Each of the speakers also emphasized the local and international camaraderie of the ham community and the availability of local amateurs who were anxious to help newcomers join the hobby.

Each of the science teachers accompanying the groups was presented with a WSPR unit provided by the AARC and assembled by Mike KQ9P.

We had a great time, and we appear to have interested some young folks. Two students on one of our groups are planning to launch a weather balloon and have requested our help with tracking the flight.



K4CGY's display table and a rapt audience.

## Pictures from the Tech Tour



Ed N3US addresses a group on the breadth of the hobby.



Jim K4CGY prepares his demonstration of electronic miniaturization.

## AARC AWARDS Outlined

By Michael Rein KA4JJD

In 2014, the Albemarle Amateur Radio Club established an Awards Committee to oversee the development and presentation of Club awards. The Committee is particularly interested in awards that recognize and thereby foster operating by new hams, encourage participation in Club activities, and increase the fun of amateur radio.

The Awards Committee currently includes Michael KA4JJD, Dave K4DND, Bob K4DU, and Bill AD6JV, but other interested club members are invited to join. Suggestions for additional awards would be much appreciated. This year, we have added a new operating award, which is listed first.

Submissions, opinions and correspondence regarding the Awards Committee should be sent to Michael KA4JJD: [mfr6t@virginia.edu](mailto:mfr6t@virginia.edu), 434-977-4281, 109 Sturbridge Rd, Charlottesville, VA 22901-2113.

**Logs are on the honor system.** Submissions are logs prepared by the AARC member applying. Submitted documentation consists of the date, time, location, and call sign of the station contacted. Logs may be submitted to the Awards Committee on .ppt or .doc forms, which may be filled out electronically or printed out and filled in by hand.

## Operating Awards

### Albemarle Amateur Radio Club Meet Your Club Award

Purpose: To encourage on-air interactions with AARC members

Explanation: According to an informal count (never to be repeated), our club includes members with 104 different first names. Some of these are rather highly represented (including variations):

- Bob: KE4ADQ, KF4BPK, K4DU, W3DX, W8GTA, KJ4KMS, W4PNX, W4RBM, KJ4RPW
- Chris: KG4AZN, W9CCA, PA7RHM, KK4SYQ,

W4VK

- Mike: KK4AMI, W4HOO, N4HRO, KA4JJD, KA4SJD, KJ4MFN, KQ9P, K8RVR, K4WDV, KK4UBE
- Jim: K4BAV, K4CGY, KK4EDT, K4JEC, AD4YM
- Joe: W4BXG, AK4CX, KI4ISX, W2PVY
- John: KI4DJT, K4EBS, KU4KAE, W3KDR, KX4P, AJ4UN, KG4ZWG
- Bill: K4FZE, K4IB, AD6JV, K4000, N0WP

The Club also boasts an excellent group of YLs and XYLs: KD8BBR, KM4JIO, KM4CWM, KM4CWP, KG4FOL, KF4IRU, KI5LLB, W4MJS, K4PMC, AJ4R, KB4RM, KF4UHU, KT4UO, KJ4VCY, KG4ZWE, KB7ZWG, KJ4VJR

Now, I am quite certain that there are errors in this accounting. Please excuse these.

Rules:

1. Contacts for this award must be made after July 1, 2015.
2. Work one AARC member from any four Name Categories and one YL/XYL. A Club member with the appropriate first name or gender whose call was inadvertently omitted from the list still counts.
3. Use any mode except "eyeball."
4. Contacts must be one-on-one, thus not part of a net or public service event. *But, hey, come to an AARC meeting and set up a sked!*
5. Submit first and last names, date, time, and mode.
6. Of course, if you are on the list above, the contact can count for both amateurs.

### Albemarle Amateur Radio Club Central Virginia Repeater Century Award

Purpose: To encourage use of repeaters in Central Virginia

Rules:

1. Only contacts made on repeaters in Central Virginia count for credit. Simplex contacts do not count for this award. Contacts may include those made through linked repeaters or through IRLP.
2. Each QSO counts as two points, but only one contact with each licensed amateur, even if on different repeaters, can be counted for credit.
3. 50 contacts provide the 100 points required for the award.
4. Submitted documentation consists of the date, time, repeater used, and call sign of the station contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
5. Contacts made by a Net Control Operator (NCO) for the Monday Night Information Net, The Digital Net, or the Northern Piedmont Emergency Net maybe counted for award credit. An operator signing into a net may count the Net Control Operator once as a

contact.

### Worked Lotsa States Awards

Purpose: To encourage new HF operators

Rules:

1. HF contacts with 15 of the 50 United States made from one's home station or mobile.
2. Contacts may be made with any mode and on any band.
3. Contacts may be made during contests
4. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

### Big 10 Award

Purpose: To encourage new HF operators

Rules:

1. HF contacts with all 10 United States call areas made from one's home station or mobile.
2. Contacts may be made with any mode and on any band.
3. Contacts may be made during contests or with special event stations.
4. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

### All American Award

Purpose: To encourage new HF operators and fellowship in the Americas

Rules:

1. HF contacts made from one's home station or mobile with one station outside Virginia in the United States, one station in Canada, one station in Mexico, one station in Central America, and one station in South America.
2. Contacts may be made with any mode and on any band.
3. Contacts may be made during contests or with special event stations.
4. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

### Worked All Border States Award

Purpose: To encourage new HF operators and knowledge of geography

**Rules:**

1. HF contacts made from one's home station or mobile with operators in each of the states bordering Canada, Mexico, the Atlantic and Pacific Oceans, and the Gulf of Mexico
2. Okay, that's: ME, VT, NH, MA, RI, CT, NY, NJ, DE, MD, VA, NC, SC, GA, FL, AL MS, LA, TX, NM, AZ, CA, OR, WA, ID, MT, ND, MN
3. Contacts may be made with any mode and on any band.
4. Contacts may be made during contests or with special event stations.
5. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

**Worked All Suffixes Award**

Purpose: To encourage new HF operators and knowledge of the alphabet

**Rules:**

1. HF contacts made from one's home station or mobile with operators with suffixes beginning with each letter of the alphabet
2. Okay, that's: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, V, W, X, Y, Z
3. Contacts may be made with any mode, on any band, and to any country.
4. Contacts may be made during contests.
5. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

**Worked My Call Award**

Purpose: To encourage new HF operators and knowledge of the alphabet

**Rules:**

1. HF contacts made from one's home station or mobile with an operator with one's own suffix
2. Okay, so for KA4XYZ, that is working a ham with any prefix and from any zone or country, who has the suffix XYZ.
3. Contacts may be made with any mode, on any band, and to any country.
4. Contacts may be made during contests.
5. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the station contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

**Paper Chaser Award**

Purpose: To introduce new and older hams to the process of working special event stations.

**Rules:**

1. HF contacts will be made from one's home station or mobile with operators of 20 special event stations.
2. Contacts may be made with any mode, on any band, and to any country.
3. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

**Worked Nearby States Award**

Purpose: To encourage new hams and hams with lower power stations and smaller antennas.

**Rules:**

1. HF contacts made from one's home station or mobile with operators in states bordering on Virginia
2. Okay, that's: MD, DE, NC, TN, KY, WV (special endorsement for DC)
3. Contacts may be made with any mode, on any band.
4. Contacts may be made during contests.
5. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

**Service and Recognition Awards****AARC Public Service Participation Certificate**

Purpose: To encourage and recognize participation in AARC public service events

Award: The award consists of a certificate presented at the Club's Annual Awards Banquet and recognizes the number of AARC public service activities in which the member has participated during the calendar year. Half-day events count as one, and full-day events count as two. Data are provided by the Director for Public Service and the coordinators of the individual events.

**Hein Hvatum N4FWA Outstanding Public Service Award**

Purpose: To recognize outstanding contributions to AARC public service activities.

This award honors former AARC member Hein Hvatum, a great friend, mentor, and Elmer, and a staunch organizer and supporter of public service. Hein supervised the construction of the NRAO's Very Large Array, to which he developed

computing, antenna design, and electronics. He was also project manager for the Very Long Baseline Array. Hein died of cancer on May 22, 2008. A recipient is selected by the Director for Public Service and is not awarded every year.

### AARC Elmer Award

**Purpose:** To encourage new members of the AARC and to encourage elmering by more experienced (dare one say "more senior") members.

**Award:** The award consists of a certificate presented at the Club's Annual Awards Banquet and recognizes help and support provided to another member of the Club. Any member of the Club who has been elmered by another member may nominate potential awardees. The nomination consists of a one page letter or email describing the elmering that has taken place. Elmering may be strictly related to amateur radio, and new hams are particularly encouraged to recognize and provide thanks for such assistance. Elmering may also include assistance with computer-related activities.

### AARC Ham of the Year Award

**Purpose:** To recognize a member of the AARC who, through dedication and hard work, exemplifies the best of what an amateur radio operator should be.

**Award:** any member of the AARC may nominate the recipient with a letter describing the accomplishments of the nominee. The winner will be selected by joint action of the Awards Committee and the Board of Directors. The award will be presented, to thunderous applause, at the Club's Annual Awards Banquet.

### The President's Award

**Purpose:** To allow the President to provide special recognition to a member of the AARC.

**Award:** the President presents this award only when he or she feels that a member of the Club deserves such special recognition. The award will be presented, to thunderous applause, at the Club's Annual Awards Banquet.

### Life Membership

**Purpose:** To recognize individuals who have, over time, demonstrated a continuing high level of dedication to the Club and to amateur radio.

**Award:** Life Membership can be conferred upon a Full Member who has rendered notable service to the Club or Amateur Radio and has been a continuous Full Member for a minimum of eight years or has a total of ten years as a Full or Associate Member. A Life Member shall be entitled to all of the privileges of a Full Member, and shall be exempt from paying dues. Any member proposing another Member for Life membership shall submit the name of the person and the justification for such membership in writing to a member of the Board. The Board shall review the application to assure

that the person meets the qualifications for such membership, and, if determined to be appropriate, submit the application at the next regular Club meeting. An affirmative vote by a three-quarters majority of those present is required for acceptance.

### Honorary Membership

A person, not a regular member, who has performed a meritorious service on behalf of Amateur Radio or the Albemarle Amateur Radio Club or is deemed to be eligible for some other reason may be proposed to become an Honorary Member. An Honorary Member is not entitled to vote, be a member of the Board, or make motions. An Honorary Member shall be exempt from paying dues. Any member proposing someone for Honorary Membership shall submit the name of that person and the justification for such membership in writing to a member of the Board. The Board shall then review the application to assure that the person meets the qualifications, and if determined to be appropriate, submit the application at the next regular Club meeting. An affirmative vote by a majority of those present is required for acceptance.

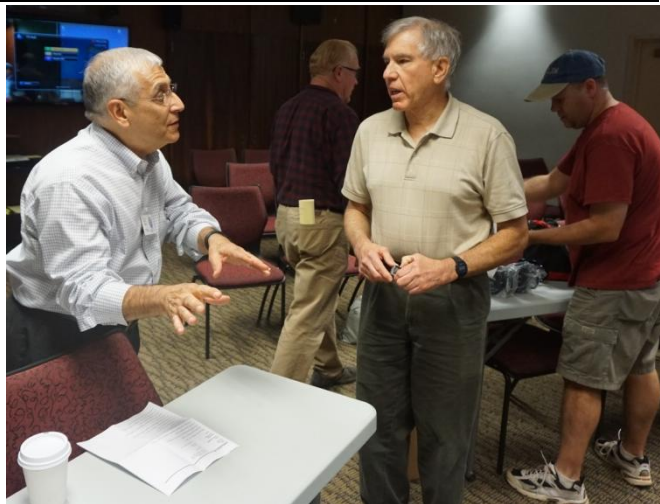
## Intercepted Email

(with permission)

<b>From: W3DX Rob Capon</b>
<b>Sent: Monday, October 05, 2015 8:53 AM</b>
<b>&gt; To: Ed Berkowitz</b>
<b>&gt;Cc:K4RKA; Jim Crosby</b>
<b>Subject: Re: Question</b>
<b>&gt; Hi Ed-</b>
<b>&gt; The SOTA website has a lot of great resources for each summit.</b>
<b>&gt; Virginia is the "W4V" association:</b>
<b>&gt; <a href="http://www.sota.org.uk/Associations/viewAssociation/prefix/W4V">http://www.sota.org.uk/Associations/viewAssociation/prefix/W4V</a></b>
<b>&gt; This is the link for every association in the world:</b>
<b>&gt; <a href="http://www.sota.org.uk/Associations">http://www.sota.org.uk/Associations</a></b>
<b>&gt; The Potomac Appalachian Trail Club has a nice link:</b>
<b>&gt; <a href="http://www.patc.net/PublicView/">http://www.patc.net/PublicView/</a></b>
<b>&gt; There are also two good SOTA apps for the iPhone: SOTA Goat, and</b>
<b>&gt; Pocket SOTA.</b>
<b>&gt; Best,</b>
<b>&gt; Rob</b>



Jim K4JEC and Don N4UVA work on getting Charles Winkler KI4HWE back into the club after a ten year absence. We also welcomed into membership John Athayde KK4JFJ and John Porter KM4NIZ. (Photo by Jim K4BAV)



Dennis WR4I and Ed N3US discuss ideas prior to the October meeting. (Photo by Jim K4BAV)



John Green KX4P setting up for his presentation. (Photo by Jim K4BAV)



Phil Lawrence, W4DNG, age 96, is our oldest club member. While Phil has physical limitations, he can still knit up a storm! His handiwork is sent by his church to children in Africa. Phillip is shown here at the Charlottesville Senior Center in mid October. (Photo by Jim K4BAV)



John Green (our program presenter) offered Joe Giovanelli W2PVY a firsthand opportunity to check out the Collins transceiver. (Photo by Jim K4BAV)

## Buy + Sale + Swap

For the latest list, be sure to check our listing on the club website:

[www.albemarleadio.org](http://www.albemarleadio.org)

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== NEW ITEMS & MOST RECENT LISTINGS ==

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posted 9/10/2015

For Sale: Heath HW-101 transceiver with matching HP-23 Power Supply.

Operational, cosmetically great, and includes original assembly/operations



manual. \$200.

Cushcraft 148-20T 2M vertical/horizontal yagi beam; new in box. \$105

From the estate of John Gray, W6UZ and all proceeds go to the club.

Contact Ed Berkowitz, N3US: [eberkowitz@sbcglobal.net](mailto:eberkowitz@sbcglobal.net)

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For Sale or Trade for ??? posted 8/22/2015

8 Element 2 Meter beam - Fair to Good condition - About 12 feet long  
Marty 434-547-9642

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The following Equipment is for sale by Carter WD4AYS: posted 8/18/2015

**Knight**  
R-100A General Coverage Receiver & matching Speaker \$150

Radio Shack 10 Meter Mobile Transceiver \$100  
National NC-109 receiver and matching speaker- Sencore TR-139 Transistor Tester \$30

Hickok tube tester (needs shorts switch)- \$125

1940s 37-620 Console Radio \$30

Contact Carter at 434-979-7383 or by email at [celliott14@aol.com](mailto:celliott14@aol.com)

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FOR SALE from AG4N, contact person email listed below

100 MHz Frequency Counter \$25.00 K4DU With power cube and probe, powers up

VLF Converter \$30.00 K4DU

Model 444 Microphone \$30.00 K4DU Lacks Screen, 4 Pin female plug

Vibroplex Original Bug \$75.00 K4DU From New York era, chrome base

Versa Tuner II 941E 300 watt \$60.00 K4CGY Excellent condition

3020 Sweep & Function Generator \$85.00 K4CGY Excellent condition

IG-5282 AF Signal Generator \$35.00 K4CGY Excellent needs 2 9V batteries

Variac \$20.00 K4CGY Excellent

IO-4550 Oscilloscope \$75.00 K4CGY Works, Needs cleaning including pots, sweep intermittent, alignment

N/A VFO \$20.00 K4CGY Works, Cal right on, needs controls cleaned

k4du at [rep4@aol.com](mailto:rep4@aol.com), n3us at [eberkowitz@sbcglobal.net](mailto:eberkowitz@sbcglobal.net), k4cgy at [k4cgy@yahoo.com](mailto:k4cgy@yahoo.com)

--revised list 9/21/2015--

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FOR SALE posted 8/5/2015

MFJ Versa Tuner II 941E in like new condition \$55.00 contact K4CGY@ Yahoo.com

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The following SWR/Power Watt meters are for sale from the W2HD Collection:

posted 7/9/2015 revised 7/31/2015

Swan SWR-3 Meter \$20.00

Diawa CN-801 Meter Cross Needle SWR/Watt \$75.00

Lacks Face plate

Heathkit HM-2140A Meter Dual HF Wattmeter \$65.00

AMD 76860 Meter Field Strength \$25.00

M.C. Jones Micro-Match Meter Power Meter \$40.00

Heathkit HM-15 Meter Reflective Power Meter \$20.00

Tucker TM-3000 UV Meter SWR & Watt Meter \$200.00

Heathkit AM-2 Meter SWR Meter \$8.00

Tec Tec AC-4 Meter SWR Meter \$45.00

Kenwood SW-100 Meter SWR Power \$65.00

Micronta 19-320 Meter SWR Power \$20.00

Pace P5453 Meter SWR Power \$8.00

Palomar M835 Meter SWR Power \$75.00

Hy-Gain 421 Meter SWR Power Meter \$10.00

Vanco SWR-2 Meter SWR Power Meter \$15.00

Pyramid Phase III Meter SWR Wattmeter \$5.00

Swan SWR-1 Meter SWR-Power Watt \$10.00 In Box

Bird Thruline Model 1000a Meter Wattmeter \$125.00

Palstar W150M Meter Wattmeter \$60.00

If you wish to purchase one of these contact Bob Pattison, K4DU at [rep4@aol.com](mailto:rep4@aol.com) or 434-960-3344. Please no calls after 9 pm. This is first come first served.

73 de K4DU

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The following power supplies are FOR SALE from the collection of W2HD: posted 7/3/15

1 MFJ MFJ-1116 Power Strip \$35.00

2 Alinco DM-112MVT Power Supply \$100.00

3 Jetstream JTPS28M Power Supply \$55.00

4 Ten Tec Model 210 Power Supply \$20.00

5 Diawa PS50-TM Power Supply \$30.00

6 Astron RS-12A Power Supply \$38.00

7 Astron RS-7A Power Supply \$15.00

8 Astron RS-7a Power Supply - 7 amps \$15.00

9 Micronta Power Supply 12 Volts \$15.00

10 Radio Shack 22-508 Pwr Sup 13.8 Volts, 15 amps \$30.00

If you would like to purchase one of these please contact Bob Pattison, K4DU either

By email at [rep4@aol.com](mailto:rep4@aol.com) or call 434-960-3344, please no calls after 9 pm.

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FOR SALE posted 1/27/2015 updated 6/28/2015 Below you will find a list of equipment for sale that belongs to

Ernie, W2EIU. Contact Bob, K4DU, 434-960-3344, [rep4@aol.com](mailto:rep4@aol.com)

Manufacturer Model Type Est Value

Alinco DJ-S41 440 Handheld \$40.00

Kenwood PC-1A Phone Patch Controller \$40.00

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HF RIG FOR LOAN posted 4/8/2015 revised 7/19/2015  
ICOM IC-730 FOR A LOANER

Ms. Alice Bond, XYL of SK Socky Bond (K4GWL) has asked that a nice Icom IC-730 be used as a "loaner" to a local Ham who wishes to try HF and perhaps doesn't wish, or is unable, to make an investment in a HF rig at this time. It is Socky's wish that the radio be used to benefit ham radio and is not to be sold or modified.

If you wish to borrow this nice 80-10 transceiver (100W

output on SSB & CW) for a 6 month period, please contact Ed Berkowitz, N3US, by email with the application form found under the Club Documents section of this website.

Photo by Jim Wilson, K4BAV



### Elected Leadership 2015

Ed Berkowitz – N3US	President	eberkowitz@sbcglobal.net
Larry Eicher – K4JZQ	Vice President	tuzlu@comcast.net
Pat Crosby – K4PMC	Secretary	patcrosby73@gmail.com
Don Eason, Jr. – N4UVA	Treasurer	deason@comcast.net
Dave Damon – K4DND	Director Public Services	2-YR dnd@virginia.edu
Jim Owen – K4CGY	Dir Estate Services	2-YR k4cgy@yahoo.com
Bill Pond – N0WP	Director Technical	2-YR n0wp@arrl.net
Jim Crosby – K4JEC	Director Education	1-YR K4JEC@arrl.net
A.J. Miller– KE4AJM	Director Fundraising	1-YR aj@ke4ajm.us
Jim Wilson – K4BAV	Dir Public Relations	1-YR elegraphjim@gmail.com

### Appointed Leadership 2015

Larry Eicher – K4JZQ	Field Day Chairman	tuzlu@comcast.net
Mark Gorlinsky – WA1A	Vol Exam Liaison	mgch@mac.com
Michael McPherson – KQ9P	ARES/RACES	mcperson@acm.org
Jim Owen – K4CGY	Club Stations Trustee	k4cgy@yahoo.com
Ron Richey – K4RKA	Swap Fest Coordinator	k4rka@juno.com
Jim Crosby – K4JEC	Beacon Editor	jamescrosby073@gmail.com
Michael Rein – KA4JJD	Awards Committee	mfr6t@cms.mail.virginia.edu
Michael McPherson – KQ9P	Webmaster	mcperson@acm.org

-The End -