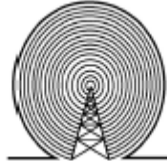


# The Ham Arundel News



Providing Fellowship and Community Service through Amateur Radio Since 1951

April 2013

35<sup>rd</sup> Year of Publication



## The Prez Sez...

Well so much for spring. We've had snow, sleet, ice, and freezing temps, but don't worry we're not going to sue Punxsutawney Phil. In fact we are planning some spring clean up and maintenance on the club grounds April 20<sup>th</sup>. Bring gloves, a shovel, other equipment will be provided.

The work section will be broken up into two sessions 09:00 to 12:00 hours and 13:00 to 16:00 hours. You are welcome to attend both work sessions or pick the one that best fits your schedule.

The club meeting programs in April will feature Bob Rose AA3RR, on April 4<sup>th</sup> and Rick Creager KK4GV on the 18<sup>th</sup>. Bob will present a program on whether it's Field Day, DXpedition or a photography trip planning is everything if you want good results. On April 18<sup>th</sup>, Rick will present a program on his recent trip to Island of Dominica. Rick made a large number of contacts, and still managed to do some site seeing. Come and see how he did it and the equipment he used.

This coming month we have three public service events scheduled for the same day. The Walk for the Animals, the Striders Cherry Pit 10 miler, and the Marlboro Hunt Club, Hunter Pace Event. The only event entirely covered at this date Marlboro Hunt Club, Hunter Pace Event. If you can help with the Walk for the Animals or the Cherry Pit 10 miler, please contact Les Silva KH6CUJ, at kh6cuj@aol.com, or home phone (410)-257-5438, cell (301)-704-1274. We have also had a request to demonstrate Ham Radio at the upcoming Boy Scout camp out in Crownsville in late April. (See the website for details).

We all miss the Marlboro Hunt Club's Roedown Races that have been canceled the last couple of years. It is my understanding that the hunt club is still searching for a suitable venue in hopes of starting up the event again in the future.

The Technician License class is going great 37, signed up originally for the course and there has been a steady class attendance of 24 students. Following completion of the Technician Class a General License class will be offered. See the web site for details.

On April 26, starting at 13:00 hours the club will be operating in the Florida QSO Party, to offer operation

training in contesting and fellowship. All are welcome and encouraged to attend if you're a technician and would like to learn to operate HF this is the event for you. Again this event will be chaired by Steve Kelly KB3BAY. Details will be found on the website.

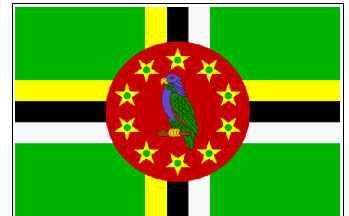
The Quantar repeater has been repaired and put back on line. A Thank You! Repeater group.

Field Day is only 81 days away.  
73 Jim Goldsberry KB3NQY

AA

## KK4GV QRV on Dominica March 8 - 18

I was issued the callsign J79GV by the Telecommunications Regulatory Commission of the Commonwealth of Dominica. Dominica (Dom-i-nee-ka) is an unspoiled jewel in the Caribbean and we will be there from March 8 to March 18.



I am taking the Flex-3000 and the IC-706 as a back-up plus dipoles for 10-12-15-17-20 and 40 meters and 750 feet of rope. Each dipole is designed for two bands so I could get 6 bands from 3 antennas plus whatever else the tuner can match.

We had tentative skeds with the club station. WW3R and K3ACT planned to work me at noon just after the next two Saturday Technician Classes. K3BAY will try for me during the WI QSO Party operation this Sunday afternoon. The US does have a third party agreement with Dominica in case any students or Technicians want to work me.

A lot of club members worked me on Dominica as well as some PVRC'ers and some from the 1900 Group. I am picking the best photo for the QSL's and will print them soon. If you want to receive a QSL card in person at a club meeting just fill yours out and bring it to a meeting. (If you do not have your own QSL's just let me know you want card) I will give a presentation about the operation probably in April.

Here are the results:  
1903 QSO's  
91 DX  
49 states plus DC (Missed Montana)

73, Rick KK4GV J79GV





## Ham Radio for Arduino and PICAXE

After our club presentation on the Arduino, this article was seen.



Microcontroller technology has exploded in popularity among ham radio operators. The new generation of single-board microcontrollers is easier than ever to use, bringing together hardware and software for project building that radio amateurs can easily dive into. With inexpensive microcontroller platforms -- such as the popular open-source Arduino board -- readily available parts, components and accessory boards, you can create beacon transmitters, keyers, antenna

position control, RTTY and digital mode decoders, waterfall displays and more.

Editor Leigh L. Klotz Jr, WA5ZNU, has assembled this first edition of *Ham Radio for Arduino and PICAXE* to help introduce radio amateurs to the fun and rewards of experimenting with microcontrollers. Klotz and other contributors have designed projects that will enhance your ham radio station and operating capabilities, or you can use these projects as a launch pad for creating your own projects.

Reprinted from the ARRL Newsletter dated 3-14-2013.

AA

## The American Legion to Feature HAM Radio Exhibit

The fourth-floor library at The American Legion National Headquarters in Indianapolis is hosting an exhibit of items from its archives that demonstrate the organization's long interest in, and association with, amateur radio. The exhibit includes articles from The American Legion Magazine, old radio equipment, booklets and fliers, and more. The Legion has been promoting the usage of amateur radio among its members and others since the 1930s. The American Legion Amateur Radio Club (TALARC) was created in 2011. Currently, membership is over 1,000 and local chapters are springing up across the country. The exhibit will be on display at least through the NEC Spring Meetings in May. Learn more about TALARC: [www.legion.org/hamradio](http://www.legion.org/hamradio).

The local American Legion Net is on 146.61 on Wednesday evening at 7:30 p.m. Just before the W3VPR Wednesday night net. Everyone is welcome to join especially any vets—locally it is known as the Vet Net.

AA

## AMSAT Now Preparing For Two Launch Opportunities

AMSAT's focus on STEM education and development of a cubesat platform capable of flying a science mission with a reliable communications link resulted

in our previous selection of **Fox-1** in the third round and **RadFxSat** (Fox-1B) in the recent fourth round of NASA's Cubesat Launch Initiative. Actual launch vehicle selections are dependent on the availability of auxiliary payload space and on what orbits are required.

AMSAT VP Engineering **Tony Monteiro** reports that he has been in conversation with NASA about our orbital preferences/priorities and we're awaiting a response from NASA as to a specific launch selection. In the meantime, the engineering team expects to complete Fox-1 in 2013 and have RadFxSat ready in the 2nd half of 2014 in order to take advantage of launch opportunities that may be offered by NASA.

Fox-1 and the RadFxSat missions are based on similar system architecture.

Both satellites:

- Include a U/V (mode B) FM analog transponder. Its 2 meter down link should be even easier to hear than AO-51.

- Are designed so you can work it with just a dual-band HT and an "arrow" hand-held antenna.

- Will send telemetry on the voice downlink in the frequencies below the audible band as low-speed FSK with forward error correction.

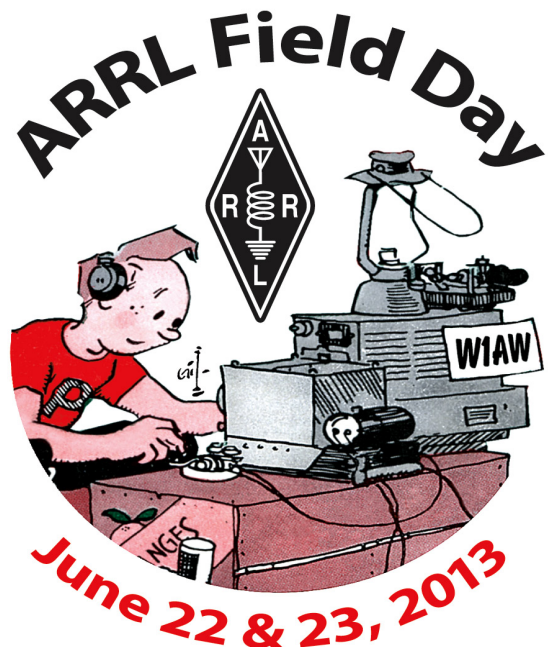
- Will support a high speed digital data mode.

- A free telemetry decode program, FoxTLM, will be available to decode and display the low-speed telemetry and the high speed data downlink on Fox-1. An update will be provided for RadFxSat.

- All Fox cubesats are designed to host advanced science payloads to support future science missions that help us to continue qualify for NASA ELaNa (free) launches.

AMSAT President **Barry Baines, WD4ASW** summarized the Fox cubesat program, "Although we are subject to the same launch constraints as every other satellite builder accepted in the Cubesat Launch Initiative, we will be ready for a launch opportunity when it is offered. As soon as we know when we're manifested that information will be shared with our members."

Reprinted from Southgate Amateur Radio News March 21, 2013







## AARC History Part IV 1981 - 1990

At the Installation Dinner held in January of 1981 at the Bay Ridge Inn in Annapolis, the following persons took office: President Jim Suite/W3AAE, Vice President Jay Davis/W3HGV, Treasurer Jim Bortner/WA3UJE and Secretary Paul Gerhardt/KB3HH (now WG3J). The year started with Club members engaged in an HF DX contest which ran for the entire month. Bill/K3CN won with 84,284 points.

In March of 1981, in order to generate more interest among Club members in amateur operations, it was decided to open the Club shack on weekends for the use of any members who might like to come in and use the equipment. There was not enough response from members to continue the practice, although any members may make arrangements to use the equipment, if they so desire. In April the Club furnished communications for the Roedown Races, after installing the PA system for Cecil/W3IBC who stood by at home because he was too ill to attend. May brought the annual Ride-a-Bike for the Retarded and the usual communications service by Club members.

The Galleon Restaurant (Rt 2 at the South River Bridge) was the scene on May 21, 1981, of AARC's 30th Anniversary Dinner. About 90 persons attended, including many old-time Club members who came to renew old acquaintances. An unusual program was planned for the June 1981 program meeting. Members gathered on twelve boats of many sizes and shapes and proceeded to marker #4 at the entrance to White Hall Creek where they formed a large raft.

The 1981 Field Day Exercises, with Dick Jessup/N3FN as coordinator, were held on the clubhouse grounds. All four stations used Drake TR-7 transceivers and ran low power from batteries charged by solar panels. The Club was delighted and very proud to learn from the November QST that AARC came in first in the nation in the 4-A Battery Class with a total of 11,045 points. Two of the TR-7s were on loan from the Drake Company. Members liked their performance so much that the Club voted to purchase one of them (at a very good price) for use as the centerpiece in the refurbished hamshack planned for the clubhouse. Dick/N3FN conducted a very successful fund-raising drive to pay for the TR-7.

The "new" hamshack received an intense initiation in continuous operation during the 1981 CQ Worldwide DX Contest (phone portion over the weekend of Oct. 23th-25th). Thanks to Gene/K3AOM the damaged 220-lead into the shack was restrung in time for the start of the contest.

Cecil Hunter/W3IBC, a very active Club member, became quite ill with cancer. He for years had handled the PA system for Chesapeake Appreciation Days. So, for CA Days in 1981, Club members put up and manned the PA system for Cecil, in addition to handling the communications. Then on December 1, 1981, Cecil became a silent key.

Additional public service communications furnished in 1981 by AARC members included: the Baltimore Little League Carnival in August on Fort Ave. in South Baltimore, the Anne Arundel Firemen's Convention in August at Blob's Park near Fort Meade and the DFRC Bluegrass Festival in September. On December 15th Club members played

Santa Claus on 2-meters for the children at North Arundel Hospital.

In January of 1982 the following officers were installed: President-Dick Jessup/N3FN, Vice-President-Nick Buinicki/WB3KIW, Secretary-Jerry Herman/N3BDW and Treasurer-Howard Miller/KA3ERP. The year proved to be an active and productive one.

The first of the quarterly open houses was held in March of '82. The purpose of these open houses was to involve spouses and families of Club members in some of the Club's activities, so that they would have a better understanding of a Ham's interest in his hobby. At the June open house Don Miller, Sr., a network engineer for C&P, presented "The Lights Fantastic", a spellbinding program on the use of fiber optics in telephone communications. Mr. Miller gave the program to the Club in July of 1981 and returned by popular request. For the September open house Club members and guests had a three-hour cruise up the Severn on the Annapolitan. A Christmas party was held for the December open house--complete with Santa Claus and gifts for the children.

Under Training Coordinator Keith/AE3D two Novice Classes were held in the spring--one on Wednesday evenings and one on Saturday mornings. The classes resulted in approximately thirty new hams. Keith coordinated another Novice Class which started in September. About 15 persons completed the course. AARC received many new members as a result of these three classes.

A successful auction was held by the Club in April '82, due to the efforts of Coordinator Jerry Herman/N3BDW, Auctioneer Howard Miller/KA3ERP and more than 37 members and XYs who helped them.

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<b>W3AAE</b>	<b>Jim Suite</b>	<b>Call Not Listed</b>
<b>W3HGV</b>	<b>Jay Davis</b>	<b>Still Active</b>
<b>WA3UJE</b>	<b>Jim Bortner</b>	<b>Call Reassigned</b>
<b>KB3HH/ (WG3L)</b>	<b>Paul Gerhardt</b>	<b>Call Not Listed</b>
<b>K3CN</b>	<b>Bill Crook</b>	<b>Call Reassigned</b>
<b>W3IBC</b>	<b>Cecil Hunter</b>	<b>Silent Key</b>
<b>N3FN</b>	<b>Dick Jessup</b>	<b>Call Reassigned</b>
<b>K3AOM</b>	<b>Gene</b>	<b>Call Not Listed</b>
<b>WB3LIW</b>	<b>Nick Buinicki</b>	<b>Call Not Listed</b>
<b>N3DBW</b>	<b>Jerry Herman</b>	<b>Still Active</b>
<b>KA3ERP</b>	<b>Howard Miller</b>	<b>Call Not Listed</b>
<b>AE3D</b>	<b>Keith Miller</b>	<b>Still Active</b>

# REPEATER FREQUENCIES

Davidsonville	Millersville	Glen Burnie	Annapolis
147.105+		147.075+	
223.880-	224.560-		
444.400+			442.300+

## PL: 107.2 for all repeaters

The 147.105 and 147.075 repeaters are frequently linked. Please leave an extra second after the courtesy beep to allow the link to reset as well.

*Visitors are welcome to all meetings and nets.*

*Meetings are held in the Clubhouse at the  
Davidsonville Family Recreation Center,  
Queen Anne Bridge and Wayson Roads off  
MD Route 214 near Davidsonville, MD.*

*For en-route directions, make initial contact on the 147.105 repeater.*

**Copyright © 2011 Anne Arundel Radio Club**



## Wednesday Night Talk Net -- All are welcome

8PM, On the AARC Repeater 147.105

### Other Amateur Radio nets

Name	Frequency	Day	Time
Morning Commuter Net	147.105+ PL 107.2	Weekdays	0600
AA County ARES Net	146.805-Mhz PL 107.2	Sunday	2000
Baltimore Traffic Net	146.670-Mhz	Daily	1830
Maryland Emergency Phone Net	3.820Mhz	Daily	1800
MD-DC-DE Traffic Net	3.557Mhz	Daily	1900 and 2200
Maryland Mobileers Net	146.805 PL107.2	Monday	1930
Maryland Slow Net	3.563 MHz	Daily	1930
REACT Net	442.300+Mhz PL107.2	1st Sunday	1930

## What To Do With All Your Junk! A Project

Suddenly I am 65 years old and I am thinking "How the heck did this happen?" I find myself reading the list of SK's in QST and I know some of them! Holy crap, I must be getting old. This leads me to the subject I decided to write to you about.

The average age of the Ham radio population must be well over 50 years of age. We are a dying breed. And as we die off, we leave our treasure chest of radios and junk for our next of kin - usually our wife - to sort through and get rid of. And if you are a good husband you have given your XYL a detailed list of everything you have and how much it is worth. Yeah, RIGHT!!!

No, what happens is that your family is stuck with a bunch of radio stuff they know nothing about and they have no clue what it is worth. They have a yard sale or put it on Craig's List and get pennies on the dollar for your treasured TS-2000. Now you're rolling over in your grave because some CBer just put your rig on channel 35. Bummer! But what if there was a way for your family to contact someone who could guide them in what the value of your old equipment really is and could help with getting the most from your old gear?.

Here is where your local Ham radio club members can perform a service for the deceased Ham's family and help recover the most money possible for the widow and/or family members.

What I propose is that your club form a committee. It should be made up of older and younger members who can be contacted by a widow or the family of a club member [or non- member; your club can decide who to offer this service to]. This committee would survey the SK's gear, make a list, and assign a suggested value to the piece of equipment to help the family understand that all that junk is worth a lot of money. Every one loves a bargain, but I think that returning the true value of a piece of equipment to the family is the right thing to do for the amateur radio fraternity.

In your club, as in my club, there are folks who know about the value of this gear and take a special interest in following how the price of gear goes up and down as technology changes. Tap into these people and use their expertise to help a SK's family recoup all they can from the estate.

How do you get the word out to the Ham community about this service?. Well. your club members will be easy to reach and share the information, but non members will be a little harder to get to. I suggest a general mailing of post cards, announcements in Ham magazines and nets, papers, internet and at Hamfests. The idea is to make folks aware that the service is there to help. A Ham can pick up a flyer at a Hamfest and give it to his wife and tell her to put it in a safe place because she may need it someday.

"OK, so what is in it for me?" you ask. Well for openers, you are truly helping your fellow Ham community in their time of need. Let's help our own! Next you'll know that your own family will be helped when it is their turn to decide what to do with YOUR stuff. And lastly, you will have a possible first crack at some equipment you may want , or another member of your club may find what they may need.

Remember FAIR MARKET VALUE!!! If your club is

a 501C3 you might suggest a donation to the club for your consulting work. Or if the family wants the club to handle the sale of the gear a 10% donation fee may be in order. Run it by your members and see what they are comfortable with.

If we do not take care of our own how can we possibly take care of someone else in their time of need?. So before you go to that GREAT HAMFEST IN THE SKY, form a group and take care of your unfinished business. Make sure your family gets their fair share when you part ways with your equipment. Besides, your XYL and her new boyfriend will need the money for their cruise to the Bahamas. HI HI

73, Dennis W5DPK

Thanks to e.ham.com for this article

AA

## Rational Radio

One of my mentors, an elder physicist in the UCLA Plasma lab said something that I will never forget:

*"A minute of measurement trumps a decade of debate every time."*

Nowhere is this more applicable than in Amateur Radio discussions, particularly, but not limited to, transmission line theory. It seems that the same errors keep getting "rejuvenated" year after year after year after year after year.

The reason this happens is that with a very few exceptions, hams would rather flap their gums in ignorance than take a few simple measurements and prove the issue once and for all.

Of course, this is not a new phenomenon. Walter Maxwell, W2DU was compelled to write "Another Look at Reflections" in the early 1970s in response to the vast amount of misinformation about transmission lines. Likewise, twenty years before that, Byron Goodman, W1DX just as eloquently covered the subject in his May 1956 QST article, "My Feedline Tunes My Antenna."

Both of these authors strongly advised making actual measurements to confirm their assertions.

The problem is, thinking rationally about scientific matters takes some actual WORK. It takes some mental and sometimes physical discipline. Error takes on a life of its own, while truth always has to be carefully nurtured. It's unfortunate that it has to be this way, but nothing seems to have changed one iota since Byron Goodman's seminal article.

Perhaps continually re-propagating error gives hams something to talk about on the air...or on the internet. I'd prefer to think that ham radio is a scientific hobby and that we can actually impart some KNOWLEDGE from time to time.

If we are to "advance the radio art" as our FCC charter mandates, we need to get beyond the folklore stage...as entertaining as it may be. The fact is there ARE genuine, objective answers to every radio principle we might encounter. As radio amateurs, we need to lead the way in scientific, rational investigation and understanding of the tools of our trade.

The information is out there...the CORRECT information. Grand Masters like W1DX and W2DU did their jobs well...in fact, flawlessly. Every ham needs to read such works before offering their "advice." Opinions are easy to come by, knowledge takes craftsmanship.

73! Eric KL7AJ

Thanks to eHam.com for this article

## W1AW Announces 2013 Spring Operating Schedule

With the switch from Standard Time to Daylight Saving Time this past weekend, W1AW Station Manager Joe Carcia, NJ1Q, has updated the W1AW operating schedule to reflect the change. Your local standard times have not changed, but the UTC times they reference have.

### Daily Visitor Operating Hours:

1400 UTC-1600 UTC (10 AM-12 PM EDT),  
1700 UTC-1945 UTC (1 PM-3:45 PM EDT)  
*Station closed 1600-1700 UTC (12 PM-1 PM EDT)*

### Morning Schedule

<i>Time</i>	<i>Mode</i>	<i>Days</i>
1300 UTC (9 AM EDT)	CWs	Wed, Fri
1300 UTC (9 AM EDT)	CWf	Tue, Thu

### Afternoon/Evening Schedule

<i>Time</i>	<i>Mode</i>	<i>Days</i>
2000 UTC (4 PM EDT)	CWf	Mon, Wed, Fri
2000 UTC (4 PM EDT)	CWs	Tue, Thu
2100 UTC (5 PM EDT)	CWb	Daily
2200 UTC (6 PM EDT)	Digital	Daily
2300 UTC (7 PM EDT)	CWs	Mon, Wed, Fri
2300 UTC (7 PM EDT)	CWf	Tue, Thu
0000 UTC (8 PM EDT)	CWb	Daily
0100 UTC (9 PM EDT)	Digital	Daily
0145 UTC (9:45 PM EDT)	Voice	Daily
0200 UTC (10 PM EDT)	CWf	Mon, Wed, Fri
0200 UTC (10 PM EDT)	CWs	Tue, Thu
0300 UTC (11 PM EDT)	CWb	Daily

### Frequencies

- CW: 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675 and 147.555 MHz
- Digital: 3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095 and 147.555 MHz
- Voice: 1.855, 3.990, 7.290, 14.290, 18.160, 21.390, 28.590, 147.555 MHz

### Speeds

- CWs: Morse code practice (slow) -- 5, 7.5, 10, 13 and 15 WPM
- CWf: Morse code practice (fast) -- 35, 30, 25, 20, 15, 13 and 10 WPM
- CWb: Morse code bulletins -- 18 WPM

*CW frequencies include code practices, Qualifying Runs and CW bulletins.*

Digital: BAUDOT (45.45 baud), BPSK31 and MFSK16 in a [revolving schedule](#).

Code practice texts are from QST; the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2230 UTC (6:30 PM EDT), Keplerian elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0000 UTC (8 PM EDT) Thursdays and 0000 UTC (8 PM EDT) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour and CW on the half hour.

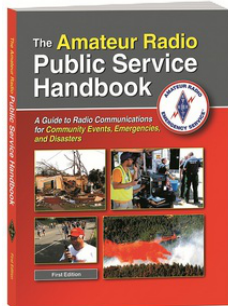
*All licensed amateurs may operate the station from 1400 UTC-1600 UTC (10 AM-12 PM EDT), and then from 1700 UTC-1945 UTC (1 PM-3:45 PM EDT) Monday through Friday. Be sure to bring your current FCC Amateur Radio license or a photocopy.*

AA

## The Amateur Radio Public Service Handbook Now Available for Kindle

### The Amateur Radio Public Service Handbook

is now available from **amazon.com** for the Kindle. This e-book is for all hams who volunteer their time and skill in service to their communities. It provides knowledge needed for communicating quickly and effectively during disasters, emergencies and community events, as well as an opportunity to learn more about the Amateur Radio Service and its unique role in supporting the public.



You do not need a Kindle to download and purchase *The Amateur Radio Public Service Handbook*: those who have the Kindle application installed on their Apple iPhone, iPod touch or iPad or Android smartphone -- or even on their computer -- can download the book for use on these devices. *The Amateur Radio Public Service Handbook* is available as a Kindle book from **amazon.com** for \$24.99. The soft cover version is also available for \$39.95 (\$34.95 for ARRL members).

*The ARRL Letter for March 21, 2013*

AA

## Minutes of the March AARC Board of Directors' Meeting

The March AARC Board of Directors meeting was held on March 14, 2012 Those in attendance were Chuck Tanner, K3ACT, Vice President; Milford Craig, N3WYG, Secretary; George Socker, N3YSA; Brian Strackbein, WR3Q; and Brian Mary, K3HMX. Excused absences were Jim Goldsberry, KB3NQY, President; and Rick Creager, KK4GV, Treasurer.

The AARC Board of Directors; meeting was called to order by Vice President Chuck Tanner, K3ACT at 7:30 pm. With the Secretary being reassigned to the DFRC, there was no minutes read. Treasurer Rick Creager, KK4GV was absent on a DX-pedition to Dominica.

Chuck Tanner, K3ACT asked Milford Craig, N3WYG to attend the Davidsonville Family Recreation Center meeting representing the AARC. Mike Watterson was unable to attend due to work commitments.

Item. BG&E grant. All board members should have a copy. This sounds great we certainly do a lot with AARC members in RACES and ARES and public service events that we provide help, and safety. Safety vests prices run from cheap \$3.00 (no printing) each, to \$15.00 (see Jim Goldsberry, KB3NQY vest as an example. This motion was approved: We will approach BG&E about donating or funding safety vests for AARC. The AARC contact representative will be selected later.

Milford returned from the DFRC meeting. He reported to the DFRC council about the Field Day Dates (June 21-23) and the Christmas Party (December 13, 2013). The next DFRC Meeting is Thursday, May 9, 2013.

Item. Painting and fixing up. This includes but is not limited to the following:

- a. Tower support cable clearing (should be done before grass cutting starts)
- b. Grounding System (sooner the better)
- c. Painting board on side of building. Jim Goldsberry and Bruce Strackbein, WR3Q will do this
- d. Handicap signs need to be replaced, again.

e. Need of Clubhouse Maintenance Committee

The Board of Directors agreed to the following:

- a. April 20 2013 will be a workday from 9:00am – 12:00 noon and 1:00 pm – 4:00 pm. We will work in shifts and would appreciate a maximum effort on the part of the membership to get as much of this work done as possible. We will clear areas around our buildings, and around the antenna guy wires, and put antenna parts on a free table outside for the next club meeting. This is in back of Ham Shack 2. We want to clear up all the old antenna parts out of the weeds behind the Ham Shack.

Engage in other activities such as ground ring prep as time and personnel permit.

Discussion was opened on establishing a 'maintenance committee' who would be subject to the fiscal control of the Board of Directors, understanding that the BOD would have fiscal authority.

Item: AARC branding (hats, T-Shirts, jackets etc.) is being organized. Attempts are being made to contact other printers. Jim Goldsberry to handle this.

Item: The Wisconsin QSO party was a success. About 15-16 people showed up. Over 100 contacts were made with club members, new hams and non hams.

Item: A general discussion was opened about the telephone bill. This would affect phone patch as well as Internet service looking toward Echo link. This item was tabled until the next meeting.

Item; Upcoming scheduled meetings for the AARC.

- a. May 2 2013 Charles Hallock, AA3WS on Time Domain Reflectometer
- b. May 16, 2013 Collington Community Radio Club, K3CCR on their club
- c. May 18, 2013 Fox Hunt (Reverse) Tentative Preparation Class 9:00 am - ???
- d. June 6, 2013 Bob Rose, AA3RR
- e. June 20, 2013 Bob Rose has a 15 minute presentation.
- f. July 4, 2013 there will be no club meeting. Have a Happy Fourth of July!!!
- g. September 7, 2013 Second Preparation class for Fox Hunt
- h., September 21, 2013 Fox Hunt Field Day 9:00 am – 12:00 noon
- i. September 21, 2013 Club Picnic 12:00 noon – ???

More information will be available. Please keep these dates in your calendar.

Meeting was adjourned at 8:45 pm.

## UPCOMING HAMFESTS

You may view upcoming hamfests in the Pennsylvania, Delaware, Maryland-DC, West Virginia and Virginia area by clicking on the ARRL MDC web page at [www.arrl-mdc.net/hamfest.htm](http://www.arrl-mdc.net/hamfest.htm).

Greater Baltimore Hamboree & Computerfest  
Saturday, April 6, 2013

Location: Maryland State Fairgrounds  
2200 York Road  
Timonium, MD

Website: [www.gbhc.org](http://www.gbhc.org)

Sponsor: Baltimore Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 146.67 (PL 107.2)

Public Contact: Sharon Dobson, K3DUH  
PO Box 120

Reisterstown, MD 21136

Phone: 443-590-1444

Email: [w3ft67@yahoo.com](mailto:w3ft67@yahoo.com)

York Hamfest

Saturday, April 13, 2013

York (PA) Hamfest

Location: Porters Community Fire Company  
1199 Porters Road

Spring Grove, PA 17362

Website: [www.yorkhamfest.org](http://www.yorkhamfest.org)

Sponsor: York Hamfest Foundation

Type: ARRL Hamfest

Talk-In: 147.330 (PL 123.0)

Public Contact: Duane Sterner, KB3QLQ  
7197 Hershey Road Spring Grove, PA 17362

Phone: 717-332-1385

Email: [duane.sterner@yahoo.com](mailto:duane.sterner@yahoo.com)

Great Hagerstown Hamfest

Saturday, May 4, 2013

Location: Washington County Agricultural Center  
7313 Sharpsburg Pike (MD Route 65)

(I-70 exit 29 South 6.5 miles)

South of Hagerstown, Maryland

Sponsor: Antietam Radio Association

For more information, click on:

[www.w3cwc.org/HamFests.html](http://www.w3cwc.org/HamFests.html)

Talk-In: 147.090 (+) No PL

Public Contact: Hamfest Chairman, Herman Niedzielski,  
K2AVA

21512 Leitersburg-Smithsburg Rd.

Hagerstown, MD 21742-4936

Phone: 301-791-5841

Email: [k2ava@myactv.net](mailto:k2ava@myactv.net)

Breeze Shooters Hamfest and Computer Show

Sunday, June 2, 2013

Breeze Shooters Hamfest and Computer Show

Breeze Shooters Amateur Radio Club

Website: [www.breezeshooters.org](http://www.breezeshooters.org)

Location: Butler Farm Show Grounds

627 Evans City Road

Butler, PA

Talk-In: 147.300

Contact: Robert W. Benna, N3LWP

c/o Breezeshooter ARC

1010 Willow Drive

Pittsburgh, PA 15237

Phone: 412-366-0488

Email: [N3LWP@verizon.net](mailto:N3LWP@verizon.net)

Manassas Hamfest

Sunday June 9, 2013

Sponsor: Ole Virginia Hams ARC

Website: [W4OVH.COM/hamfest](http://W4OVH.COM/hamfest)

Prince William County Fairgrounds

10624 Dumfries Road

Manassas, VA

Talk-In: 146.970- (PL 100) 442.200- and D-STAR 442.5125-

Type: ARRL Hamfest

Talk-In: 146.97-/442.200-/442.5125+

Public Contact: Terry Erlacher, KC4DV

10855 Felicia Court, Manassas, VA 20110

Phone: 703-731-6629

Email: [terry.erlacher@verizon.net](mailto:terry.erlacher@verizon.net)

Maryland State Convention - CARAFest

Sunday October 6, 2013

Location: Howard County Fairgrounds

2210 Howard County Fair Road

West Friendship, MD 21794

Website: <http://carafest.org>

Sponsor: Columbia Amateur Radio Association

Type: ARRL Convention

Talk-In: 147.390 (PL 156.7)

Public Contact: David Prestel , W8AJR

10160 Tanfield Court Ellicott City, MD 21042

Phone: 443-812-4403

Email: [dave.prestel@gmail.com](mailto:dave.prestel@gmail.com)

Delaware State Convention

(Delmarva Radio & Electronics EXPO)

HAMFEST/CONVENTION

Saturday, October 26, 2013

Sponsor: Sussex Amateur Radio Association

Location: Sussex Technical High School

17099 County Seat Highway (Route 9)

Georgetown, DE 19947

Website: [www.radioelectronicsexpo.com](http://www.radioelectronicsexpo.com)

Talk-In: 147.090+ (PL 156.7)

Type: ARRL Convention

Public Contact: Bill Duvencek , KB3KYH

18628 Sunny Sky Blvd. Milton, DE 19968

Phone: 302-537-4755

Email: [kb3kyh@arrl.net](mailto:kb3kyh@arrl.net)

# Anne Arundel Radio Club, Inc.

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