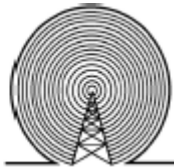


# THE HAM ARUNDEL NEWS



Providing Fellowship and Community Service through Amateur Radio Since 1951

**32<sup>nd</sup> Year of Publication**

---

---

## Anne Arundel County's Premier Radio Club

FEBRUARY 2009

---

---



### The Prez Sez . . .

I just returned home from the clubhouse where the North American QSO Party, VHF Contest, soup, chili, and bread, were all being worked! It's a cold January night so with ham radio on the mind I'll stay in and write the monthly PrezSez column.

**Things are moving along in the club.** The new board is busy ensuring the administrative stuff is running on all cylinders and planning fun activities and interesting presentations for the meetings.

**We just purchased two mint-condition HF radios** for use in the club station and certain events. LDG Tuners in Southern Maryland bought them new to design and interface tuners, and offered them for sale at an excellent price when they were done. The TS-870 and TS-570 both worked beautifully in the QSO Party mentioned above. LDG even threw in two new-in-the-box AutoTuners. The 870 will be the centerpiece of the club station renovation, now in the planning stage.

**The club made the 147.105 machine available to ARES on Inauguration Day.** Ham volunteers around the metro area staffed EOC's, shelters, and hospitals in the event that emergency communications were needed. As it turned out they did not have much traffic on .105 (no emergencies is a good thing) but I want to thank the members for keeping the machine open in case it had been critically needed. Thanks also go out to everyone who volunteered.

**When the public service people announce an event,** consider saying, "Yes, I can help." Your volunteer work supports our claim to the airwaves we use. Also, the board is working towards 501-C3 status for the club and one of the main qualification criteria concerns the vital emergency communications we provide and what we do for the community. Get involved with ARES, RACES, SKYWARN and your club public service events.

**Thanks to the many members who have renewed their membership.** I encourage those who have not, to do so. Aside from supporting this great club and all its repeaters, club station, and activities, you don't want to miss the deadline to get listed in the roster. The bylaws allow a 60 day grace period for renewal so March first, that thing goes to the printer. I am just kidding with the threatening tone but let's send those renewals in!

**A special thanks** to those who sent a donation in addition to their dues!

**This month at the February 5<sup>th</sup> business meeting** we will have Show and Tell and Mini-presentations. If you have a cool gadget to "show and tell" or a 5 to 10 minute presentation in mind just drop me an e-mail [kk4gv@w3vpr.org](mailto:kk4gv@w3vpr.org) and I will reserve a time slot for you that evening.

**The February 19<sup>th</sup> presentation meeting** will feature our own Bill Powell, AE3WP. His topic is Metro Train Electronics. I can't wait to hear just what makes the trains go, what makes them stop, and how they are controlled.

**Barry – K3NDM will host kit building** at the clubhouse on Sunday afternoons from 1 to 4PM starting on Sunday, February 8 and continue on Sunday afternoons until the kits are done. See the kit building announcement in this newsletter for additional information.

**Between newsletters** the club website is the way to stay current on the latest club news and events. In fact, it is interactive so you can post your own messages and announcements. Anyone can see the website for general information by going to [www.w3vpr.org](http://www.w3vpr.org) but by signing up with a free user ID and password members can post messages and use additional features. Save it to your favorites and check it frequently as it is updated often. You can also elect to receive an e-mail notice each time new content is posted.

See you on the air and at the clubhouse! 73, Rick – KK4GV AARC President

The ***Ham Arundel News*** is the monthly official publication of  
The Anne Arundel Radio Club, Inc.  
(ARRL Club No. 0484).

**Editor: Andrea Montrose/K3YLV**

Send newsletter articles, questions and information to Andrea at  
[k3ylw@w3vpr.org](mailto:k3ylw@w3vpr.org)

**Deadline for submissions - the last Thursday of the month.**

**Mailing Address:**

*Anne Arundel Radio Club  
Post Office Box 308  
Davidsonville, MD 21035*

**Meetings:**

General Business 1st Thursday at 7:30 PM  
Board Meeting 2nd Thursday at 7:30 PM  
Program/Activity 3rd Thursday at 7:30 PM

**Dues:**

\$20 per year, payable December 1<sup>st</sup>  
Discounts available for family members and students

**World Wide Web:**

[www.w3vpr.org](http://www.w3vpr.org)

**AARC Supports The Maryland Slow Net:**

3.563 MHz CW 7:30 P.M. Daily

**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 except Davidsonville 440 which is 156.7**

***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 of MD Route 214 near Davidsonville, MD. For en-route directions, make initial contact on the 147.105 repeater.

*Copyright © 2009 Anne Arundel Radio Club*



## Mark Your Calendar!

Feb	5	Business Meeting Show and Tell, and Mini-presentations	7:30 PM
	8	Sunday, February 8 - Kit Building Begins Contact Barry K3NDM at <a href="mailto:k3ndm@comcast.net">k3ndm@comcast.net</a>	1 PM
	12	Board Meeting	7:30 PM
	14	VE Testing AARC Jr. Meeting	Noon 3 to 5 PM
	19	Program Meeting	7:30 PM

Bill Powell AE3WP - Metro Train Electronics



### VE Testing Schedule

**Second Saturday of each month** - AARC - Robert Rose/AA3RR, 410-437-8193  
**Third Saturday of each month** - Laurel ARC - John Creel, 301-572-5124  
**Fourth Tuesday of each month** - MMARC - Harold Nichols/WB4OGP, 410-757-0493

To all exams bring:

- Picture ID
- Social Security Number or FCC Registration Number (FRN)
- **ORIGINAL** and a **COPY** of current FCC amateur radio license
- **ORIGINAL** and a **COPY** of all element credits (e.g., FCC letters, old licenses or unexpired Certificates of Successful Completion of Examination-CSCE).



### Wednesday Night Talk Net -- All are welcome

8PM, On the AARC Repeater 147.105

### Net Control Schedule:

2/4 KA3ZPE Ed	3/4 N3USP Glenn	4/1 K3ACT Chuck
2/11 KA3RNW Mark	3/11 K3ACT Chuck	4/8 N3USP Glenn
2/18 KB3PGU Peter	3/18 KA3RNW Mark	4/15 KA3ZPE Ed
2/25 KA3ZPE Ed	3/25 KB3PGU Peter	

### 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
Maryland-DC-Delaware 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	147.105+Mhz PL107.2	1st Sunday	1930

### ARRL Membership Reminder:

### Free Money for AARC!

ARRL Affiliated Clubs receive a commission for every new ARRL membership and renewal they submit to ARRL Headquarters. Clubs retain a portion of the dues for each regular or senior membership submitted to ARRL Headquarters:

- Clubs retain \$15 for each new membership OR lapsed membership (of two years or more).
- Clubs retain \$2 for each renewal. A RENEWING MEMBER can renew at anytime, even before their current membership term expires.

Send your application and payment (made out to AARC) to the club treasurer.

---

---

# Area Hamfests 2009

Dates	Event and Contact	Location
28-29 Mar	Greater Baltimore Hamboree & Computerfest Baltimore Amateur Radio Club <a href="http://www.gbhc.org">http://www.gbhc.org</a> <b>Talk-In:</b> 146.67 (PL 107.2) <b>Contact:</b> Bill Dobson, N3WD Phone: 443-590-1444 Email: <a href="mailto:w3ft67@yahoo.com">w3ft67@yahoo.com</a>	Maryland State Fairgrounds 2200 York Road Timonium, MD
24 May	Memorial Day Hamfest Maryland FM Association <a href="http://www.marylandfm.org">http://www.marylandfm.org</a> <b>Talk-In:</b> 146.76, 224.76, & 444.0 (PL 107.2) <b>Contact:</b> John Elgin, WA3MNN Phone: 301-641-5313 Email: <a href="mailto:wa3mnn@verizon.net">wa3mnn@verizon.net</a>	Howard County Fairgrounds 2040 Fairgrounds Road West Friendship, MD
19 Jul	Hamfest and Computer Fest: Baltimore Radio Amateur TV Society (BRATS) <a href="http://www.bratsatv.org">http://www.bratsatv.org</a> <b>Talk-In:</b> 147.03/R, 224.96/R, 448.325/R <b>Contact:</b> Les McClure, W3GXT Phone: 410-461-1212 Email: <a href="mailto:hamfest@bratsatv.org">hamfest@bratsatv.org</a>	West Friendship, MD Howard County Fairgrounds Route 144

From: <http://www.arrl.org/hamfests.html?dosel=1&selsect=MDC&subtype=section>



## GET YOUR W3VPR.ORG E-MAIL ADDRESS!

To sign up for an email address "yourcallsign@w3vpr.org" just log on to the club web-site and take the "Contact Us" link from the left side menu. Choose category "E-mail Forwarder Request." A W3VPR alias will be created for the real email address you supply so anything sent to "yourcallsign@w3vpr.org" will be forwarded to you.

---

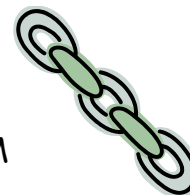
---

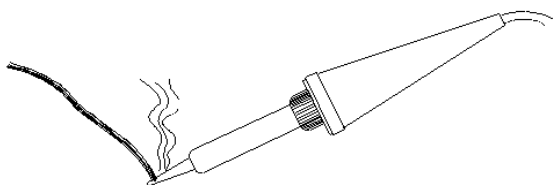
## Link of the Month

This neat website was sent to me from K3BEQ Murray Green. Bob / K3REM

<http://www.allmyfaves.com/>

(Warning: This website is addicting! ed.)





**Kit Building hosted by Barry  
K3NDM will be starting Soon.**

**Check out these links for some  
really nice kits.**

Remember how good it feels to operate a piece of equipment that you have assembled with your own soldering iron? This year there are a number of really good possibilities from complete multi-band rigs, mono-banders to accessories.

The multi-bander is the Hendrick's PFR-3 which contains a keyer and antenna tuner. It's another QRP rig, and runs 5 Watts and covers 40/30/20 meters, the most popular bands. The price is \$200 from <http://www.qrpkits.com>. This is a bit more than the usual \$100 target price, but those are single banders without all of the features of the PFR-3. The radio gets good ratings on Eham.com.

For a really good auto-tuner for low power, I suggest the Elecraft T-1 from <http://elecraft.com> for \$135. I have one and really like it. It works very nicely with the radios I've built that don't have tuners.

Idiom Press has a nice line of accessories for CW and rotator control. In fact, their keyers are probably the nicest around. The prices start at \$90 and go to \$150. Have a look and find which satisfies your needs. Their rotator controller is also a nice accessory for those who own beams. Idiom press also has a SCAF filter for enhancing audio selectivity on noisy or crowded bands for \$90. The web site is <http://www.idiompres.com>.

Oak Hill Radio has a great little power meter and SWR meter. I have one of these also and use it to set up my kit radios. Look at <http://www.ohr.com/>

All of the sites have more than I have written about so check them out carefully and pick out something that fits your needs and wants.

Our first gathering will be Sunday February 8 at 1300 in the club house, after brunches and church.

Contact Barry for more info at [k3ndm@comcast.net](mailto:k3ndm@comcast.net)



**June 27-28, 2009**

---

---

---

---

# AARC Service Awards Program

Terry Nixon, KB3CWQ and Barb Nixon, KB3LDM

Over the past several years there have been several attempts to record the huge number of hours that members contribute to many club related activities. In the course of the year hundred of hours are spent on teaching classes, maintaining the club house, administrating exams and working public service events. The club does have a solid "inner core" of members that seem to be at many events, testing sessions and classes but we certainly can use many more. The purpose of this award is to recognize club members and other individuals involved in different club activities as well as encouraging participation in club activities.

Service hours could be awarded for the following activities:

- Teaching classes
- Field Day volunteers
- Public Service Events
- VEC Team
- Upgrade and maintenance efforts at the club
- Club picnic and holiday party
- Meeting presentation
- Net Control
- Newsletter
- Elmering
- ARES/RACES drills
- Others can be added as needed



As with many things in life one might wonder who will be responsible for this undertaking. Terry Nixon (KB3CWQ) and Barb Nixon (KB3LDM) have agreed to be the "official" record keepers and will order the badges from a local company. The event coordinators will report the participants and their hours and have the final say on the hours credited. If there is no event coordinator then one of the officers may report the hours and individuals. Reports can be emailed to Terry or can be submitted through the club website by choosing the "Service Recognition Form" under the "navigation" tab.

We have tried to make the reporting of hours as easy as possible. The event coordinators and club officers are the real heart of the program. If no one turns in the event name, date, members who participated and the hours we will have no way of knowing. If we know of an event and we receive no information don't be surprised if a "gentle reminder" shows up in your email box. We will attempt to keep the spreadsheet current so if someone has a question or concern we can address it ASAP.

The service award hours are broken down as follows:

- 1st 30 hours of service: badge and appropriate color year decal
- 60 hours of service: year decal in bronze
- 90 hours of service: year decal in silver
- 120 hours of service: year decal in gold

For example:

- In 2009 member X puts in 65 hours of service. That person would get a badge and a bronze 2009 decal
- In 2010 member X puts in 92 hours of service thus receiving a silver year decal
- In 2011 our earnest volunteer only has time for 32 hours so the year decal would be white.

Hours begin accumulating in December to include the Holiday Party, VEC sessions, and Net Control operators. Accumulation for the year would end in November 2009 so that the badges can be ordered and awarded at the Holiday party in December. I know that last summer we discussed this concept with the Board of Directors and they discussed this at length. Is this a perfect system? The answer is by no means. Will it need to be adapted and changed? The answer is most likely, yes. This year will give us a foundation on which to build for the future. I think come next December you will be amazed by the number of members and hours they contribute. If you have any questions feel free to contact us.

---

---



## ARES/RACES



### Calendar of meetings & activities:

- Feb 21 ARES meeting EOC at 0900 hours.  
This meeting at the will include a presentation by Bob Bruninga on using APRS for sending message traffic
- Feb 10 monthly COMMEX at 1930 hours.

If you are interested in ARES, contact Frank Winner at  
[N3SEO@aol.com](mailto:N3SEO@aol.com)

---

---



## **NWS Storm Spotter Basics I Training Class**

National Weather Service Storm Spotter Basics I Class

Saturday, February 28

11 AM - 2:30 PM

Martin Hall (Engineering), Room 1202

University of Maryland College Park (UMCP)

Have you ever wanted to learn more about thunderstorms, hurricanes, tornadoes and other severe storms? Would you know how to protect yourself and others in a severe weather emergency? Well, now's your chance to find out! The National Weather Service is coming to the UMCP campus on Feb. 28 to teach their "Basics I" introductory storm spotter class. There are no prerequisites, and anyone over 14 years of age is eligible to become a certified storm spotter. The class is FREE but please register online at <http://www.atmos.umd.edu/~gcm/> to ensure a space. A free pizza/soda lunch will be provided to all courtesy of the Graduate Student Government. If you have any questions, contact Anthony Santorelli at [asantor@atmos.umd.edu](mailto:asantor@atmos.umd.edu).

In addition, please note that several presentations from previous classes are posted online at <http://www.atmos.umd.edu/~gcm/wiki/skywarn.html> including the "Basics II" class taught last November.

73; Steve, N3SB

SEC-MDC

[n3sb@qis.net](mailto:n3sb@qis.net)



## **LAURA L. SMITH NAMED TO AMATEUR RADIO ENFORCEMENT ROLE**

Laura L. Smith of Pennsylvania has been named by the FCC to fill the vacancy created when Riley Hollingsworth, K4ZDH, retired in 2008 as Special Counsel for the Spectrum Enforcement Division of the FCC's Enforcement Bureau. Hollingsworth served in that position for more than 10 years as the FCC's enforcement watchdog over

the Amateur Radio Service <<http://www.arrl.org/news/stories/2008/07/03/10198>>.

A 1990 graduate of the Pepperdine University School of Law, Smith began her legal career with the FCC, working in the Mass Media Bureau and Wireless Telecommunications Bureau. She also served as Deputy Division Chief of the Public Safety and Private Wireless Division. Smith is currently licensed to practice in the Commonwealth of Virginia.

In 1998, Smith left the FCC to become Executive Director of Governmental Affairs for the Industrial Telecommunications Association (ITA) <<http://www.ita-relay.com/default.htm>>, now Enterprise Wireless Alliance. In that role, she monitored FCC and legislative proceedings and participated in all regulatory proceedings relevant to the private wireless industry. In 2001, Smith became ITA's President and Chief Executive Officer. While in that position, she was instrumental in the formation of the Consensus Group, a group of public safety and private wireless entities responsible for drafting the "Consensus Plan," a proposed resolution for interference in the 800 MHz band; this was adopted by the FCC in 2004.

Smith returns to the FCC after serving Of Counsel with the Maryland law firm of Shulman Rogers. While there, she dealt with telecommunications matters and provided counsel to numerous entities in the private radio and public safety communities. Smith has served as an industry consultant and written columns for a variety of trade publications including "Mobile Radio Technology Magazine" and "The Private Wireless Magazine."

In an October 2008 letter to then-FCC Chairman Kevin Martin, ARRL President Joel Harrison, W5ZN, urged Martin to name a successor to Hollingsworth: "The appointment of a replacement Special Counsel in this position is of critical importance to the Amateur Radio Service, as the delay in finalizing the appointment stands to undermine in very short order an exceptionally successful and low-cost program of enforcement in the Amateur Service."

Calling the FCC's Amateur Radio enforcement program "spectacularly successful," Harrison reminded Martin of the "long period in the late 1980s and 1990s during which the Commission was essentially uninvolved in enforcement in the Amateur Service. The Amateur Service, consisting of some 680,000 licensees of the Commission, is in essence a self-regulating service; however, due to the shared frequency allocations in the Service and the long distance propagation of amateur communications, a very few rule violators can cause severe disruption in the Service. On the other hand, even a minimal Commission presence has a very strong deterrent value."

When Hollingsworth was appointed as Special Counsel for Amateur Radio Enforcement, Harrison said that Hollingsworth "established a visible presence in the Service and very quickly, and with very little investment of Commission resources, using little more than the awareness of an enforcement presence, created strong deterrence against rule violations."

Upon learning of Smith's move to the Amateur Radio enforcement role, Harrison remarked that he was "very pleased to see the Commission move forward with the hiring of a new Special Counsel responsible for enforcement of the Amateur Radio Service rules. Ever since Riley Hollingsworth announced his retirement, we have met with the Enforcement Chief numerous times and corresponded with FCC Chairman Martin to ensure this position remains intact at FCC. The Commission acknowledges the self-regulating environment we maintain, but also understands that we need their assistance occasionally to resolve a few situations. They have continually reassured us that this is an important matter for them, and Ms Smith's hiring confirms that."

---

---

# NEWSLETTER - MARYLAND SLOW NET

MEETS DAILY AT 3563 @ 7:30 P.M. LOCAL TIME

---

January 2009

<b>December Honor Roll</b> (15+ check-ins)	<b>December Statistics</b>
W8CPG, WE2G, VE2KRM, WB9LBI	Sessions: 31 Minutes: 992
KA3LTN, KX0T, N3ZOC	QTC: 40 QNI: 231

TO: MSN

FROM: W8CPG

### *Student News*

- A number of new Students have signed up over the past several months and we're looking forward to having them start the training course. This is a great time of year to begin the course and not have competition from holidays, grass cutting, picnics and other fun things of spring and summer.

### *Net Protocol*

- It's great to hear the increased use of QNJ and QNB during MSN sessions. While we endure poor band conditions let's keep practicing those skills that will be needed when we're called into action during emergencies where brevity and clarity are vital to the mission.
- If you hear the NCS send QNZ, QNL or QNH (see Pink Card) – he is telling you to zero beat his signal or that your frequency is high or low. The NCS sets the net frequency as s/he deems necessary depending on band conditions – there may be an ongoing QSO/contest at net time, and we may not interfere. Our goal is 3563 kHz but the net may occur up or down the band as much as one kHz. Narrow filters are in use and an incorrect frequency may result in QRM to the Net or you not being heard. Please zero beat – don't rely on your dial or readout.
- QNY is no longer in use. When sending stations off frequency simply use “up” or “down” and the number of kHz desired. QNY may be used if you believe it's necessary for clarity.
- If asked by the NCS to “call the net”, simply ID your station and send “MSN QNI” two times. If you get responses check the stations into the net and QNS them to the NCS.
- NCS – occasionally, you may wish to use “MSN QNI K” as an abbreviated QNI call during the net. This will introduce stations to the often faster techniques used on high speed nets. Just for practice.
- I have a number of Public Service Communications Manuals available for the asking. This is the basic handbook for traffic handling and should be in your reference library.

### *Around The Net*

- Robin/AA3SB reminded me that Nov. '08 was the 50<sup>th</sup> anniversary of the establishment of the FCC Quiet Zone that encompasses this part of Hoot'NHoller, WV. Robin was General Manager of WLCR, a “carrier-current” weak signal radio confined to a children's summer camp in the area where the kids operated the station under Robin's supervision.
- From the True Questions dep't: Congrats to Frank/N3ZOC for finding 11 things you can wear on your feet that begin with the letter “S”. Answers available via Radiogram on MSN.

### *Cryptoquips and Philosophy du Jour.*

*Three things cannot be long hidden: the sun, the moon, and the truth. All that we are is the result of what we have thought. The mind is everything. What we think, we become. If a bartender made a cocktail that made folks intelligent, it might be called a smartini.*

*Happy New Year - 2009*

#### MSN NET ASSIGNMENTS

	MON	TUE	WED	THU	FRI	SAT	SUN
MSN NCS	K4OSO	N3ZOC	KA3LTN	WB9LBI	K3IN	N3WK	AA3SB
ALT. NCS		K3IN					KA3NZR
MDD REP	W3CB	N3ZOC	KA3LTN	N3ZOC	K3IN	N3WK	KA3NZR

73, Bruce/W8CPG AR

---

---

# AARC STAFF - 2009

---

---

## OFFICERS

<b>President:</b>	Rick Creager / KK4GV	301-855-2278	<a href="mailto:kk4gv@w3vpr.org">kk4gv@w3vpr.org</a>
<b>Vice Pres.:</b>	Mike Brenza / WA3SKN	410 867-7786	<a href="mailto:wa3skn@w3vpr.org">wa3skn@w3vpr.org</a>
<b>Secretary:</b>	Nick Lomangino / N3CK		<a href="mailto:n3ck@w3vpr.org">n3ck@w3vpr.org</a>
<b>Treasurer:</b>	Steve Kelly / K3BAY	410-437-0418	<a href="mailto:k3bay@w3vpr.org">k3bay@w3vpr.org</a>
<b>Directors:</b>	Bob Montagne / K3REM	301-464-4377	<a href="mailto:k3rem@w3vpr.org">k3rem@w3vpr.org</a>
	Bob Delamarter / KB3MPR	410-867-4678	<a href="mailto:kb3mpr@w3vpr.org">kb3mpr@w3vpr.org</a>
	Jim Goldsberry / KB3NQY		<a href="mailto:kb3nqy@w3vpr.org">kb3nqy@w3vpr.org</a>

## REPRESENTATIVES

<b>Trustee:</b>	Buck Watson / KC3Y	410-255-0896	<a href="mailto:kc3y@aol.com">kc3y@aol.com</a>
<b>DFRC Rep:</b>	Bob Delamarter / KB3MPR	410-867-4678	<a href="mailto:kb3mpr@w3vpr.org">kb3mpr@w3vpr.org</a>
<b>Public Relations:</b>	Holly Bevan / N3MB	410-923-0229	<a href="mailto:n3mb@arrl.net">n3mb@arrl.net</a>
<b>ARES/RACES:</b>	Ron Boller / N3WOF	410-956-6127	<a href="mailto:n3wof@arrl.net">n3wof@arrl.net</a>
<b>Joint 440 Comm:</b>	John Williams / K8JW	410-647-7406	<a href="mailto:k8jw@toad.net">k8jw@toad.net</a>
<b>F.A.R. Representative:</b>	Ed Brown / KA3ZPE		<a href="mailto:brownmejr@comcast.net">brownmejr@comcast.net</a>

## COMMITTEE COORDINATORS

<b>Facilities Mgr.:</b>	Bill Rynone / WB2EIQ	410-263-0794	<a href="mailto:rynone_eng@juno.com">rynone_eng@juno.com</a>
<b>Public Service:</b>	Ted Redick / K3TED	410-647-2795	<a href="mailto:tredick@verizon.net">tredick@verizon.net</a>
<b>Training:</b>	Mike Brenza / WA3SKN	410 867-7786	<a href="mailto:wa3skn@w3vpr.org">wa3skn@w3vpr.org</a>
<b>Repeater Ops:</b>	John Williams / K8JW	410-647-7406	<a href="mailto:k8jw@toad.net">k8jw@toad.net</a>
<b>VE Team:</b>	Robert Rose / AA3RR	410-437-8193	<a href="mailto:aa3rr@verizon.net">aa3rr@verizon.net</a>
<b>Packet Radio:</b>	Barry Lazar / K3NDM	410-757-5510	<a href="mailto:k3ndm@arrl.net">k3ndm@arrl.net</a>
<b>Newsletter:</b>	Andrea Montrose / K3YLW	410-987-3858	<a href="mailto:k3ylw@w3vpr.org">k3ylw@w3vpr.org</a>
<b>Web Page:</b>	Steve Kelly / K3BAY	410-437-0418	<a href="mailto:k3bay@w3vpr.org">k3bay@w3vpr.org</a>
<b>Field Day:</b>	Kim & Bob Delamarter,	KB3NGU & KB3MPR	<a href="mailto:kb3mpr@w3vpr.org">kb3mpr@w3vpr.org</a>
<b>MD Slow Net:</b>	Bruce Stewart / W8CPG	304-456-3036	<a href="mailto:chickenfarm5@yahoo.com">chickenfarm5@yahoo.com</a>
<b>ARRL Affil:</b>	Anthony Young / WA3YLO	301-262-1917	<a href="mailto:tonyy3@verizon.net">tonyy3@verizon.net</a>

---

---

# Anne Arundel Radio Club, Inc.

Anne Arundel Radio Club, Inc.  
P.O. Box 308  
Davidsonville, MD 21035

First Class Mail

