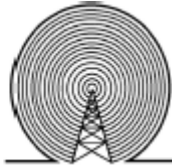


The Ham Arundel News



Providing Fellowship and Community Service through Amateur Radio Since 1951

32nd Year of Publication

Anne Arundel County's Premier Radio Club

June 2009



The Prez Sez . . .

Field Day is fast approaching. Field Day this year is 27-28 June. Remember, if you have questions, comments, suggestions, etc. regarding Field Day or if you want to volunteer to help set-up/take down, operate, take pictures or other stuff, please send an e-mail to: fd09@w3vpr.org or contact Bob KB3MPR, Kim KB3NGU, or Bob AA3RR.

By the time you read this we will have just had these mini-presentations at the club-house so if you missed them try and make it more often or come up with something to share and I'll get you on the schedule. This club has so many talented and knowledgeable members every meeting is a learning experience and much more.

Mini-presentations:

- Tom K3TH - Portable Mast set-up demo
- Robbie KB3PEB - Telescope
- Glen N3USP - Balloon Telemetry Hardware
- Glen N3USP - Club Weather Satellite Dish Update
- Rick KK4GV - New Satcom Yagi

Here is what's coming up at the clubhouse:

- | | |
|---|--|
| Thursday, June 18, 7:30 PM - Program Meeting | This meeting devoted entirely to Field Day |
| June 27-28 Field Day Field Day Field Day Field Day Field Day Field Day | |
| Thursday, July 2, 7:30 PM - Club Meeting | Topic TBA |
| Thursday, July 16, 7:30 PM - Program Meeting | Bruce Carpenter W3YVV - Bonding & Grounding for Lightning Protection and Electrical Safety |
| Thursday, August 6, 7:30 PM - Club Meeting | Topic TBA |
| Thursday, August 20, 7:30 PM - Program Meeting: | N3YWZ Lee Flick - Generating Electricity from Landfill Gas |

Here are the remaining Public Service Events this year. Come on out and help.

- Sunday, August 30 - Annapolis Ten Mile Run (some 5,000 runners), to be handled by new coordinator for this event, Mark Murphy KA3RNW
- Sunday, October 4 - Metric Marathon (south county), Contact Jerry N3HKJ

This year the club picnic is a separate event from Field Day and has been scheduled for September 26. We still need some volunteers to plan and run this picnic.

Don't forget to check the website <http://www.w3vpr.org/> often for all the latest AARC news and information. Many clubhouse events on the weekends and meeting topics are listed as they are announced so stay informed and join the fun.

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/K3YWL

Send newsletter articles, questions and information to Andrea at
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 1st
 Discounts available for family members and students

World Wide Web:

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.

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Mark Your Calendar!

Thursday June 18 Meeting devoted entirely to Field Day.

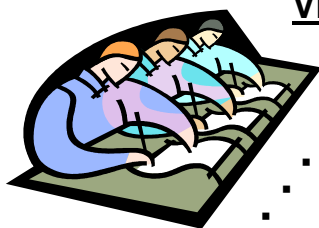
Saturday, 20: June Set-up Crew Training at the clubhouse 9:00am until 11:00am, Rain or Shine

June 27-28 Field Day Field Day Field Day Field Day Field Day Field Day

2nd and 4th Saturdays of the Month at 3PM - AARC Jr. (The AARC Farm Team)

Also meets on dates when specific contests are scheduled. They are available to assist club members, especially new hams, in getting on the air and operating the club's HF station.

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

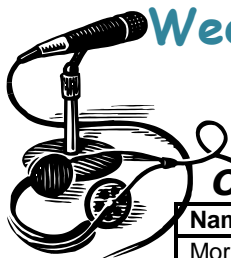
Fourth Tuesday of each month - MMARC - Harold Nichols/WB4OGP, 410-757-0493

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



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 |



A link to the latest solar cycle forecast/history news from NASA. Sounds a little bit like we might be poised for the beginning of a low sunspot activity cycle 73, Jeff, W3HVV

http://science.nasa.gov/headlines/y2009/29may_noaprediction.htm

Area Hamfests

| Dates | Event and Contact | Location |
|--------|--|--|
| 19 Jul | Hamfest and Computer Fest: Baltimore Radio Amateur TV Society (BRATS) Talk-In: 147.03/R, 224.96/R, 448.325/R Contact: Les McClure, W3GXT Phone: 410-461-1212 Email: hamfgest@bratsatv.org or click on: http://www.bratsatv.org | Howard County Fairgrounds 2040 Fairgrounds Road West Friendship, MD |
| 16 Aug | Carroll County Tailgate Fest Carroll County Amateur Radio Club Talk-In: 145.410 Contact: Steve Beckman, N3SB Phone: 410-876-1482 Email: n3sb@qis.net or click on: http://www.qis.net/~k3pzn | Carroll County Agricultural Ctr 700 Agriculture Center Drive Westminster, MD |
| 4 Oct | CARAFest sponsored by the Columbia Amateur Radio Assn Contact: Dave Prestel, W8AJR, Phone: 410-552-2652, e-mail: info@carafest.org or click on: www.carafest.org | Howard County Fairgrounds 2040 Fairgrounds Road West Friendship, MD |
| 25 Oct | Mason-Dixon Hamfest Carroll County Amateur Radio Club Talk-In: 145.410 Contact: Steve Beckman, N3SB Phone: 410-876-1482 Email: n3sb@qis.net or click on: http://www.qis.net/~k3pzn | Carroll County Agricultural Ctr 700 Agriculture Center Drive Westminster, MD |

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



Cushcraft VHF high band, 5/8 mobile antennas.
 Motorola style mount.
 New or almost new still in box.
 I have about 5 of these and will sell them for \$10.00 each.

 Kurt WA3TOY arswa3toy@verizon.net

Note from the Editor: You may have noticed that this issue is late. I was visiting family in California last week to celebrate my father's 80th birthday. Had a great time!

Andrea K3YLW

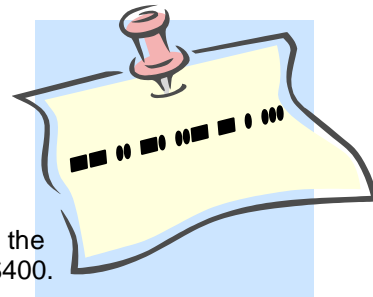
AARC Business Meeting May 7, 2009

Secretary Report May 7, 2009

Communication of the Estate of Charles Teimeyer:

It was previously reported that we were notified that he had willed the radio club \$400.00. Since we did not get the disbursement. Called the attorney handling the estate.

He reported that the radio equipment picked up months ago was valued at \$400. I called the Registrar of wills in Chestertown. They said that the will did not mention a cash value of \$400. It said he willed his amateur radio equipment. They are sending us a copy of the will. I consider this matter closed.



501 C 3: The treasurer and I have the application just about completed. Will have it reviewed by an attorney and expect to submit the application to the IRS by the end of the month.

Recruitment:

Downloaded ARRL database from Feb- mid April. 23 invites were sent out. Thus far we have 4 new members.

KB3ROT

William Halterman

KB3SEL

Gloria Moody

N3WEY

John H. Moody

KB3SLF

Dave Strout

Respectfully submitted

N3CK



Left: Craig Barlow gives a presentation on Digital TV at the May 7 Meeting

Below: Dick Pouliot from RF Depot shares his knowledge of connectors

AARC Program Meeting May 21, 2009

Secretary Report May 21, 2009

Communication of the Estate of Charles Teimeyer:

Received communication from the Registrar of Wills in Chestertown, MD. Indeed the estate willed only his radio equipment and not the \$400. As previously communicated this issue is resolved.

Annapolis Striders donated \$250.00 to AARC, thanks to those members who supported this public service event.

New members:

Janice Stern KB3SXD

Dave Libby

Pauline Cook KB3RVS

Respectfully submitted

N3CK





June 27-28

Without "U" it's just FN

Field Day 2009 An Update from the Field Day Committee

As of June 1st, only 25 days remain until we start setting up our largest Field Day operation ever. So far, we have nearly 45 club members, non-club members, hams and non-hams who have volunteered to participate in one or more Field Day activities (Set-up, operate, take pictures, greet visitors, help with meals, etc). Are you one of those club members who have signed-up?

If not, why not?

Did you know that approximately 20% of our club members routinely participate in the club's sponsored operating activities (e.g., B&A Trail Marathon, Cherry Pit Race, Walk for the Animals, Field Day, etc.)?

Did you know that nearly twice as many club members participate in our non-radio activities such as the Club Picnic and Christmas party than our radio events?

There's still time to join in the fun of our Field Day. All you have to do is send an e-mail to: fd09@w3vpr.org or you can call Bob or Kim Delamarter (410-867-4678) and let them know you want to participate.

Just in case you haven't heard about this year's Field Day plan here's a brief summary:

- We're going to operate **10 transmitters**:
- 3 CW (20m, 40m, and 80/15/10m)
- 1 Digital (20m PSK-31)
- 6 Phone (80m, 40m, 20m, 15m, 10m, and 160m/6m/2m)
- Friday, 26 June - Set up our operating and visitor center shelters and antenna masts.
- Saturday, 27 June - Complete setting up our Field Day site.
- Saturday, 27 June - Start transmitting at 2:00pm.
- Sunday, 28 June - Stop transmitting at 2:00pm.
- Sunday, 28 June - Start taking down the Field Day site at 3:00pm.
- Monday, 29 June - Start planning for Field Day 2010.

We have confirmations that a State Delegate, the Director of MEMA, the Anne Arundel County Police Chief and a representative from the Office of the Governor are going to visit our Field Day site as well as the MDC Section Manager.

Our goals are pretty simple: Have a safe and fun Field Day event, make lots of contacts and have maximum participation by club members. This is the perfect event for combining radio activities (we're radio amateurs after all) with friends and fellow club members. Whether you can participate for an hour or many; operate a transmitter or participate in another activity, we want to see you at our Field Day event. Without "U" it's just fn.

We can expect the bulk of our visitors to show up between 2:00pm and 6pm on Saturday and 11:00 and 2:00pm on Sunday. We only get one chance to make a good first impression. Give each visitor a warm greeting. We want to encourage, cajole and everything in between to politely get each visitor on the air. Remember: We're treating every station as if it were a GOTA station. Help them make a contact and then we'll make some sort of gesture (all in good fun) to recognize their accomplishment.

We especially want to document every aspect of this year's Field Day event from set-up to take-down and all points in between. We want to capture every "Kodak Moment" especially when a visitor is making his or her first contact via amateur radio. Our plan is to consolidate all of the photos taken and movies made and make them available on a CD or DVD for the cost of the disc.

So bring your digital camera and take some photos. You'll be able to copy your pictures onto an on-site computer available just for this purpose. We'll be able to show them throughout the event.

Below is our schedule and list of activities. We hope that all of Field day participants will engage in more than one activity. If you can operate one of 10 stations we hope you can also spend some time taking pictures, making movies, escorting visitors or helping with meal preparation (especially dinner).

| Date | Time | Activity1 | Activity 2 | Activity 3 | Activity 4 | Activity 5 |
|---------------|-----------|-------------------------------|--------------|--------------|----------------|------------------------|
| 26 June | 1400-1800 | Set-up | Photographer | Videographer | | Meal Prep |
| 27 June | 0900-1300 | Set-up | Photographer | Videographer | | Meal Prep |
| 27 June | 1400-1800 | Operate CW Phone & Digital | Photographer | Videographer | Greeter/Escort | Meal Prep 1730-1900 |
| 27 June | 1800-2200 | Operate CW Phone & Digital | Photographer | Videographer | | |
| 27-28 June | 2200-0200 | Operate CW Phone & Digital | Photographer | Videographer | | |
| 28 June | 0200-0600 | Operate CW Phone & Digital | Photographer | Videographer | | |
| 28 June | 0600-1000 | Operate CW Phone & Digital | Photographer | Videographer | | Meal Prep 0730-0900 |
| 28 June | 1000-1400 | Operate CW Phone & Digital | Photographer | Videographer | Greeter/Escort | |
| 28 June | 1400-1500 | Break-Meal | Photographer | Videographer | | Meal Prep |
| 28 June | 1500-1800 | Take Down | Photographer | Videographer | | |

As you can see, we have lots of activities that require a lot of participants. So come out and have some fun. Make some contacts, make new friends, and enjoy the company of old friends.

More importantly, we need to know when you want to participate. We don't need 100 hams show up to operate 10 stations at 2:00pm on Saturday.

Here's a tentative schedule for the number of stations we'll operate. We will have Control Operators available to enable under-licensed hams to operate beyond the restrictions of their current license. In case you missed it that was a subtle hint to think about upgrading.

| Time | CW | Phone | Digital | Total | Comments |
|-----------|----|-------|---------|-------|--------------------------------------|
| 1400-1900 | 3 | 6 | 1 | 10 | Phone = 10/15/20/40/80m and 2/6/160m |
| 1900-2359 | 3 | 4 | 1 | 8 | Phone = 20/40/80/6m |
| 0001-0800 | 3 | 3-4 | 1 | 7-8 | Phone = 20/40/80 (6m/160m) |
| 0800-1400 | 3 | 6 | 1 | 10 | Phone = 10/15/20/40/80m and 2/6/160m |

A brief comment about the meals – This is not the club picnic. There is a fee for each meal (aka “sweat equity”). The meals are for the Field Day participants, which is why it’s important to know if you are going to participate. If you don’t let us know you’re going participate we might not enough food to feed you. The following meals will be provided:

- Friday (Dinner - Beef BBQ, salads and chips) – Only the Set-up crew
- Saturday (Lunch - Cold cut sandwiches, salads and chips) – Only the Set-up crew
- Saturday (Dinner - A themed menu and some alternatives) – All Field Day participants (Set-up crew, Operators, Photographers, Greeters, Videographers, Take-down crew)
- Sunday (Breakfast - Continental breakfast) – Only Field Day participants on site between 0600-1000
- Sunday (Lunch - Cold cut sandwiches, salads and chips) – Only Field Day participants on site 1000-1400 and the take-down crew.

About the Field Day dinner – As described above, it will be a themed meal with some alternatives. Our Food Committee (Fred, Barb and Terry) have done an outstanding job in planning all of the meals for Field Day. **I don’t think you’ll be disappointed.**

We do not want to put the entire burden of meal preparation and meal set-up on these three people. So we’re asking everyone who will be on-site to help when it comes time for meals, especially the dinner which will require the most effort. Plan on taking a break from your activities for 20-30 minutes and lend a hand before and after each meal. These hard-working club members are hams too and they also want to get on the air and make contacts, especially Barb who is going to operate a CW station with Bob/AA3RR.

Be flexible; Be patient; Have fun!

The club meeting on the 18th will be devoted to Field Day discussions and we plan to have a musical surprise. So get in the spirit and put on your finest or not so finest western wear and join us at the clubhouse on the 18th.

If you want to join the fun, all you have to do is send an e-mail to: fd09@w3vpr.org or call Bob or Kim Delamarter (410-867-4678) and let them know you want to participate.

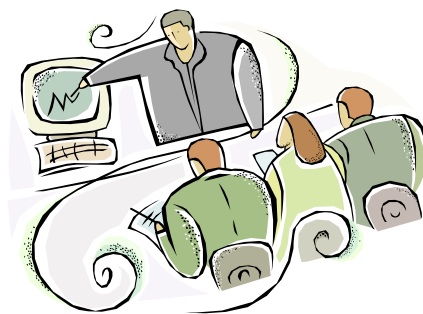
Looking for instructors!

I am planning a technician class for Saturdays 9am-Noon, starting July 11.

Please contact me if you are interested and available.

The plan is:

| | |
|---------|------------------------|
| July 11 | Intro. |
| July 18 | The dreaded chapter 2! |
| July 25 | Chapter 3. |
| Aug 1 | Chapter 4. |
| Aug 8 | Chapter 5 and 6! |
| Aug 15 | Chapter 7 and Review. |



-Mike WA3SKN



ARES/RACES



Calendar of meetings & activities:

June 20 ARES meeting EOC at 0900 hours

There will **NOT** be a COMDEX in June, July or August.

If you are interested in ARES, contact Frank Winner at

N3SEO@aol.com

Minutes of the 9 May 2009 ARES Meeting

The guest speaker was Steve Beckman N3SB.

1. Steve discussed the details of the NTS nets on HF and VHF. This information is on the ARRL-MDC WEB site at <http://www.arrl-mdc.net/>.
2. He talked about formalizing Emergency Nets. There is a need for Tactical and Resource nets and possibly Digital nets.
3. Steve presented a demo on FLDIGI, which uses MT-63. This works great using speakers and microphones for communications between the radio and computer (no interface cables). Traffic can be sent thru a repeater. The program includes WRAP and FEP and is free from www.w1hkj.com/fldigi.html. Testing is being done some Tuesdays at 2030 on the 145.410 Repeater.
4. Steve presented a demo on EASYPAL which is useful to send photos from a site to the EOC, etc. This program also has FEP, but will need interface cabling. There is some traffic on 14.233 MHz if you can decode it. The program is free from www.kc1cs.com/.
5. Steve discussed the need to use NIMS forms during our exercises to get more familiar with them (www.fema.gov). Specifically ICS-213 (Message), ICS-205 (Freq Plan), ICS-214 (Unit Log), and ICS-309 (Communications Log), which is not on the FEMA Forms site.

Frank Winner
AA Co. EC

NEWSLETTER - MARYLAND SLOW NET

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

May 2009

April Honor Roll (15+ check-ins)
W8CPG, VE2KRM, KX0T

April Statistics
Sessions: 30 Minutes: 672
QTC: 66 QNI:168

TO: MSN
FROM: W8CPG

Student News

- Welcome to Mike, KI4NGA. Mike joined the Net and has been learning the art of traffic handling under very bad QRN conditions. Laura/NT3Y has nearly completed half of the Basic portion. Good going, folks. Have fun and please invite others to join in and enjoy learning a new and useful skill.

Net Protocol

- In a Radiogram – use only the first three letters of the month in the Preamble Date, e.g. “Apr 15”. In both Preamble and Address use only two letter postal abbreviation for a state or province. Use a space or pause after a name to append a call sign to the name of an Addressee or a Signature.
- Remember accuracy is important and the rhythm of characters is all important including spacing.
- When listing traffic going outside of the MSN list it as “QTC MDD (quantity) K”. For example, DE W8XXX QTC MDD 1 K” or “Norfolk MD 2 K”. Traffic is always listed as Destination first then Quantity. Again strive for clarity as well as brevity for clear communication. *Thanks to Frank/N3ZOC for these important protocols.*
- An increasingly noticeable problem deals with failure to service a message back to the Originator when Handling Instructions in Preamble request it. If a message cannot be delivered it is the Operators responsibility to notify the Originator of the message and explain why delivery was not possible, e.g. bad address, phone number changed, SK, etc. A good practice is to always notify the Originator when a message has been delivered - more communication and traffic practice.

Around The Net

- Bill/WB9LBI noted that useful computer info is to be found by downloading *Linux in the Ham Shack* at <http://blacksparrowmedia.com/lhs/> and suggests *Linux Reality* as another good podcast.
- Harry/KA3NZR “Experiences On Other CW Nets” series (Part4). I sent the preamble, with call sign, BT, and then went directly into the text. At which time an operator broke in, mind you he wasn’t the receiving operator, and accused me of taking “short cuts” and that only a complete address with telephone number was acceptable. He went on to say it is unacceptable on the 4RN to take short cuts and to get the complete address and phone number before I continued. THIS TOOK PLACE ON THE NET FREQUENCY SO ALL OF THE OTHER OPERATORS WERE LISTENING!! Talk about feeling about one inch tall. I became red faced, sweaty, and, of course, angry. I didn’t appreciate it that his admonishment took place over the air, during net time, when it could easily have been reserved for after the net or via an email message. This was only my second time on the 4RN to boot! (To be continued.)

Cryptoquips, Quotes, and Philosophy du Jour.

Perseverance is the great element of success. If you only knock long enough and loud enough at the gate, you are sure to wake up somebody – Henry Wadsworth Longfellow. I’m a great believer in luck. I find the harder I work the more I have of it – Thomas Jefferson.

MSN NET ASSIGNMENTS

| | MON | TUE | WED | THU | FRI | SAT | SUN |
|----------|-------|-------|-------|--------|------|------|--------|
| MSN NCS | K4OSO | N3ZOC | KX0T | WB9LBI | K3IN | N3WK | AA3SB |
| ALT. NCS | | K3IN | | | | | KA3NZR |
| MDD REP | W3CB | N3ZOC | W8CPG | N3ZOC | K3IN | N3WK | KA3NZR |

73, Bruce/W8CPG AR

AARC STAFF - 2009

OFFICERS

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

REPRESENTATIVES

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

COMMITTEE COORDINATORS

| | | | |
|--|---------------------------|-----------------|--|
| Public Service: | Ted Redick / K3TED | 410-647-2795 | tredick@verizon.net |
| Training: | Mike Brenza / WA3SKN | 410 867-7786 | wa3skn@w3vpr.org |
| Repeater Ops: | John Williams / K8JW | 410-647-7406 | k8jw@toad.net |
| VE Team: | Robert Rose / AA3RR | 410-437-8193 | aa3rr@verizon.net |
| Packet Radio: | Barry Lazar / K3NDM | 410-757-5510 | k3ndm@arrl.net |
| Newsletter: | Andrea Montrose / K3YLV | 410-987-3858 | k3ylw@w3vpr.org |
| Web Page: | Steve Kelly / K3BAY | 410-437-0418 | k3bay@w3vpr.org |
| Field Day: | Kim & Bob Delamarter, | KB3NGU & KB3MPR | kb3mpr@w3vpr.org |
| MD Slow Net: | Bruce Stewart / W8CPG | 304-456-3036 | chickenfarm5@yahoo.com |
| ARRL Affiliated Club Coordinator: | Robert E Montagne / K3REM | 301-464-4377 | k3rem@arrl.net |

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.

Anne Arundel Radio Club, Inc.

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

First Class Mail

