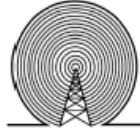


# The Ham Arundel News



Providing Fellowship and Community Service through Amateur Radio Since 1951

**33<sup>rd</sup> Year of Publication**

## Anne Arundel County's Premier Radio Club

*January 2010*



### The Prez Sez . . .

**2009 was a really great year for AARC!** We did public service, contests, training, testing, had a fantastic FD, a nice picnic, and enjoyed many excellent presentations at the meetings.

When I considered running for president last year Bob, K3REM assured me that he would be there to help. Every time something needed to be done that I could not fit into

my life, Bob came through. Bob has served on the board over the years as Secretary, President, and Director and is stepping down this year. Thanks to Bob for everything he has done for AARC. I am sure we will see him continue to be active at many upcoming events.

Thanks go out all the coordinators and operators at the Public Service events the club participated in. Ted K3TED our Public Service Coordinator for many years will now concentrate on ARES work and Mark KA3RNW has agreed to be the new PSC. Thanks also to the following people who coordinated the events:

Frank N3SEO, Ron N3WOF, Mike KA2JAI, Jerry N3HKJ, Stan N3PPJ, Bob K3RSJ, Nick N3CK, Glenn N3USP, and many others who worked them.

Remember, if everyone just volunteered for just one event we would be completely covered!

Thanks to Bob AA3RR for all the effort he put into Field Day, CW training, and testing and to all the VE's who helped at the test sessions. Also to Mike WA3SKN for running the licensing classes and chairing a few meetings I had to miss. Thanks to Holly N3MB for greeting people and getting their forms filled out correctly at every class and test session. And of course Holly for running the morning net day in and day out!

Thanks to the Field Day coordinators Bob KB3MPR and Kim KB3NGU. The Delamarters really do a lot for the club. And Robbie – what a trooper hauling all that stuff around with the four-wheeler!

The bulk of the administrative work for the club is done by the secretary Nick N3CK and the treasurer Steve K3BAY. I am on email with those two guys almost constantly. Many thanks to them!!!!

Over the last year, Nick has put many hours into the 501c3 application, which I am happy to report was signed and sent to the IRS! The law allows us to begin now to act as a 501c3 corporation and accept tax-deductible donations.

The club station got some renovations this year. New light bulbs, new ceiling tiles, new HF radios, new chairs, and the Yagi donated by the kids club was put up on the 45' tower. We plan to add all-mode VHF/UHF capability in 2010.

The clubhouse got wireless networking, Internet access, and an alarm system thanks to Tom N3LHD, Steve K3BAY, and Tom K3TH.

On a sad note we lost a few this year, Arthur Page W3PPK and Bill Powell AA3WP. Margie KA3PQP made a nice donation in Arthur's memory and Bill's wife Barbara is donating the ICOM-910 for the club station. We plan to hold a sale of the rest of Bill's equipment soon on her behalf.

We are up around 300 members and I want to thank every one of them for supporting the club activities and repeaters with their dues and donations. Please consider volunteering to help with or run club events. We can really use the help.

No one came forward this year to plan and coordinate the holiday party. I was able to pull it off by getting people like Bob, Fred, Dick, Holly, Mike, Barry, Terry, to each take a piece of the pie, so to speak. Thanks to all of them! Some of us stayed for cleanup (Terry, Barb, Jim, Margaret, Jennifer, Raven, Cody, Andrew, to name a few) and then the big snowstorm started. We sure dodged a bullet on that one. We had 60 of the 100 expected people show up. I think many of them feared the snow would make it hard to get home or had to do things they were planning for Saturday on Friday night before the storm. All in all we had a very nice gathering.

This has been the year of going electronic with the roster and newsletter for the AARC. Electronic communications, that seems pretty reasonable for a radio club. For the most part the roster and newsletter are all handled now on the website and via e-mail. This saves us about \$1000 per year in printing and mailing costs and the information can be updated instantly. We realize not everyone uses Internet and email in their daily lives so if you opt for a roster or newsletters by mail we will continue to do that for the next few years.

Speaking of the newsletter Andrea K3YLW cranks out the best newsletter in Ham Radio every month. Thanks Andrea!

If you have not already been on the club's website [www.w3vpr.org](http://www.w3vpr.org) then check it out! Steve K3BAY has created one of the best ham radio club web sites around. You can get all of the latest club event information just by viewing the page. If you create a user name and password you can get to the roster and participate in the forums. Announce events, list items for sale, ask questions, tell us about your latest ham radio experience, etc. Did you know items listed for sale on W3VPR sometime sell in hours or even a few minutes?

Thanks to John K8JW and Mark KA3RNW who keep the repeaters on the air. They and Bob K3RSJ responded recently to the failing power amplifier on our 30-year-old Micor 147.105 repeater. It has been temporarily replaced with a fairly new Motorola Quantar that is on loan to the club. The board is exploring our options for repairing or replacing the 105 machine.

Per authorization at the December board meeting, I have appointed Bob K3RSJ as the new Trustee for the W3VPR callsign and Bob AA3RR as the new Resident Agent for the AARC corporation. Both have agreed to serve in these positions.

Many thanks go out the Buck KC3Y for his many years of service to the club as both Trustee and Resident Agent.

Lastly I would like to introduce the 2010 Officers and Board of Directors:

Myself KK4GV President

Mike WA3SKN Vice President

Nick N3CK Secretary

Steve K3BAY Treasurer

Bob KB3MPR Director

Jim KB3NQY Director

And we welcome Bob WA3HOO as a new Director replacing Bob K3REM

Stay tuned for another great year at AARC!

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/K3YLW**

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**

**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!



**Meetings:** Thursday, January 7 - Glenn N3USP - Balloon Telemetry PC Board  
- The circuit designer may be there as well.

**Thursday, January 21 - Bill W3TN - FCC Wireless Telecommunications Bureau, Mobility Division**  
At the FCC for 33 years, he is currently and for the last 20 years, responsible for the day-to-day regulation of the Amateur Service.

Bill will be talking about recent Commission decisions and pending matters concerning the amateur service, including petitions for rule making that have been filed but not yet acted on, the recently released Notice of Proposed Rulemaking concerning vanity call signs, and other topics of interest to us as Commission licensees and users of the radio spectrum.

**Thursday, February 4 - Business Meeting**

**Thursday, February 18 - Bryan N3ST - Frequency Coordinator for T-MARC (The Mid-Atlantic Repeater Council)**

How the coordination process works and why it is in place.

T-MARC President Dave W8AJR will also attend and have a few things to say.

**Thursday, March 18 - Keith KM4AA - All About D-Star Digital Radio Systems**

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

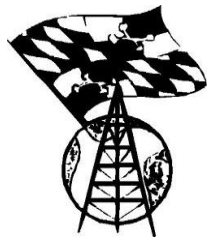
### Other Amateur Radio nets

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
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	147.105+Mhz PL107.2	1st Sunday	1930

## *Area Hamfests*

2010		
27 Jan	<b>FREE Mini-Fest</b> - Baltimore Amateur Radio Club <b>Talk-In:</b> 146.67 <b>Contact:</b> Bill Dobson, N3WD Phone: 443-590-1444 Email: <a href="mailto:w3ft67@yahoo.com">w3ft67@yahoo.com</a> or click on: <a href="http://www.gbhc.org">http://www.gbhc.org</a>	Maryland State Fairgrounds <a href="#">2200 York Road</a> Timonium, MD
31 Jan	<b>2010 Post Holiday Hamfest</b> Maryland Mobileers Amateur Radio Club <b>Talk-In:</b> 146.805 / 146.205 Mhz <b>Contact:</b> Frank Winner, N3SEO Phone: 410-647-3335 Email: <a href="mailto:n3seo@aol.com">n3seo@aol.com</a> or click on: <a href="http://www.mobileers.org">http://www.mobileers.org</a>	Odenton Volunteer Fire Department Hall <a href="#">1425 Annapolis Road</a> (Route 175) Odenton, MD
27-28 Mar	MD State Convention (Greater Baltimore Hamboree & Computerfest) - Baltimore Amateur Radio Club <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> or click on: <a href="http://www.gbhc.org">http://www.gbhc.org</a>	Maryland State Fairgrounds <a href="#">2200 York Road</a> Timonium, MD
1 May	Great Hagerstown Hamfest Antietam Radio Association <b>Talk-In:</b> 147.09 & 146.94 (backup) - no tones <b>Contact:</b> Herman Niedzielski, K2AVA Phone: 301-791-5841 Email: <a href="mailto:k2ava@myactv.net">k2ava@myactv.net</a> or click on: <a href="http://www.w3cwc.org/HamFests.html">http://www.w3cwc.org/HamFests.html</a>	Washington County Agricultural Center <a href="#">MD State Route 65</a> <a href="#">South Sharpsburg Pike</a> Hagerstown, MD

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



**The Maryland Mobileers Amateur Radio Club (MMARC)** will sponsor a **Post Holiday Hamfest** on Sunday, Jan 31st - 8 AM to Noon at the Odenton Vol. Fire Dept. Hall, 1425 Annapolis Road (Route 175) -- nine (9) miles east of I-95 -- Indoor Hamfest and some tailgating, refreshments, Free Amateur Radio VE Testing, QSL Card Check and Free Parking. Donation of \$5 for entry and \$12 for a table. For more information please contact Frank Winner, email [n3seo@aol.com](mailto:n3seo@aol.com) (410) 647-3335.

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## YL Meeting - Jan 17, 2010

Happy New Year!!!

2009 was a good start for our YL group. We have a great core, but it is time to build upon that. Our first meeting of the year (weather permitting) will be a time to plan and move ahead on projects we brainstormed last year.

Here is a tentative agenda for Sunday Jan 17, 2010 at 2:00 P.M.

- Working with Holly to sort through her archives of photos and other club memorabilia to put in a format that will be accessible to the entire club membership. (Holly, please let us know if you will need any help to transport these things)
- Put together our plan for a YL challenge for the MD QSO party (Aug 14-15)
- Contests we want to participate in for 2010
- How to bring in more YLs

Also, please take the opportunity to check out the club's 2010 Field Day page.

If you have any additions, please let me know by Jan 12th, so I can include those in a updated agenda. Wishing you joy and only the very best things in this new year.

33's - Brenda/KB3ATI

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Tinsley K3RUQ demonstrates a great way to attach coax connectors at the Dec 3 club meeting.

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## Another Year of Amateur License Testing is History DE AA3RR

December 12<sup>th</sup> marked the end of year for the AARC VE Team and as usual, it was another successful year.

We conducted **14** exam sessions during the year and administered **145 exams** to **117 applicants**. Of the 145 exams administered, 109 were passed for a **pass rate of 75.2%**

68 Element 2 (Technician) exams were administered.

59 were passed - **86.8%** pass rate.

58 Element 3 (General) exams were administered.

38 were passed - **65.5%** pass rate.

19 Element 4 (Amateur Extra) exams were administered.

12 exams were passed - **63.2%** pass rate.

We also processed one paperwork upgrade to General class. Hard to believe there are still a few of those around.

As a result of our testing we produced **59 new hams**. We produced 52 Technicians, 37 Generals including 7 new hams and 12 new Amateur Extra class licensees.

Interestingly, all of the pass rates are down from 2008.

It's important to remember that the pass rates are determined by the level of preparation by the applicants. All we do is to try to make them feel comfortable and relaxed.

Since I know that we are fairly successful in providing a comfortable and relaxed environment, the lower pass rates compared to last year is probably due to poor preparation by the applicants.

Speaking of our successful year here is a list of those volunteers who contributed an average of about 3 hours per exam session (The number next to their call sign is the number of exam sessions in which they participated):

N3MB - 13	K3REM - 5	WR3F - 3	N9EBJ - 2	KX3TL - 1
KB3ATI - 13	KA2JAI - 5	K3SZN - 3	K3ASK - 2	KG7XD - 1
K3BAY - 9	KA3RNW - 5	N3HU - 3	K3ACT - 2	AB3AF - 1
K3TH - 8	N3EMI - 5	NV3G - 3	NY1T - 1	KC2FCB - 1
WA3SKN - 5	WA3HOO - 4	AB3CS - 3	N3USP - 1	W3VQY - 1
KB3MPR - 5	WW3R - 4	AA3KS - 2	N3ADY - 1	AE3RR - 1
N3CK - 5	AB3DW - 4	KB3NGU - 2	KK4GV - 1	WR3Q - 1

Thanks to each of the Volunteer Examiners listed above for their dedication and professionalism in support of our wonderful hobby.

CUL ES 73 DE AA3RR

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## 2009 Exam Results In Review

DE AA3RR

Much to my surprise, I've recently received some e-mails with questions about our license exams for recent years. So, I am putting together a story so to speak of what's been going on the past 12 months in particular and the past couple years in general.

As I mentioned in my accompanying article "Another Year of Amateur License Testing is History", 2009 was a successful year for our Volunteer Examiner Team. As a result of our exam sessions we produced 59 new hams and upgraded 43 existing hams including one paperwork upgrade. So what's the rest of the story?

To give you some perspective, here are a couple spreadsheets that give you a pretty good idea how things went this year and how this year compares to the past 10 years:

Year	Applicants	1		2		3		4		Exams Given	Exams Passed	Exams Failed	Pass Pctg	New Class			New Hams
		P	F	P	F	P	F	P	F					T	G	E	
2000	91	16	9	38	17	16	6	10	7	119	80	39	67%	38	17	9	38
2001	127	17	8	72	20	27	10	15	6	175	131	44	75%	66	27	17	70
2002	156	28	19	72	19	38	11	21	10	218	159	59	73%	67	34	19	71
2003	118	24	2	66	16	30	16	9	8	171	129	42	75%	60	27	9	68
2004	102	12	13	46	9	25	7	17	8	137	100	37	73%	43	25	17	46
2005	64	11	11	32	4	16	2	7	3	86	66	20	77%	29	10	7	31
2006	97	13	12	41	15	21	8	8	5	123	83	40	68%	40	15	8	41
2007	174	2	2	71	16	61	27	16	10	206	150	56	73%	61	52	16	67
2008	91			45	4	33	6	18	4	110	96	14	87%	38	20	18	44
2009	117			59	9	38	20	12	7	145	109	36	75%	52	37	12	59
<b>Yrly Avg</b>	<b>114</b>	<b>12</b>	<b>8</b>	<b>54</b>	<b>13</b>	<b>31</b>	<b>11</b>	<b>13</b>	<b>7</b>	<b>149</b>	<b>110</b>	<b>39</b>	<b>74%</b>	<b>49</b>	<b>27</b>	<b>13</b>	<b>53</b>
<b>Pass Pctg</b>		<b>60.0%</b>		<b>80.7%</b>		<b>73.0%</b>		<b>65.8%</b>									

The chart above displays some information on the amateur radio license exams for the past 11 years administered by the AARC Volunteer Examiner Team. In early 2007, we stopped administering the Element 1 exam (Morse Code).

With the exception of 2000, we've had applicants who became new hams by earning a license other than the Technician license. We've had a couple applicants walk in with nothing and walk out as an Amateur Extra. At least two of them had to pass the 5 wpm code exam in addition to the three written exams.

As shown above, 2005 was our least productive year. We only had 64 applicants take exams and we only produced 31 new hams. The lowest pass rate for all exams occurred in 2000 and 2006. By coincidence a new Technician question pool was introduced in both those years.

The charts below depict the results of the 14 exam sessions we conducted during 2009, the 13 sessions conducted during 2008 and the 13 sessions conducted during 2007.

Exams given in 2009															
Date	Applicants	2		3		4		Exams Given	Exams Passed	Exams Failed	Pass Pctg	NewClass			New Hams
		P	F	P	F	P	F					T	G	E	
10-Jan	6	2	0	2	0	2	2	8	6	2	75.0%	1	2	2	2
14-Feb	10	4	0	3	1	2	1	11	9	2	81.8%	4	3	2	4
14-Mar	11	6	0	4	2	0	1	13	10	3	76.9%	5	4	0	6
12-Apr	9	4	0	2	4	1	2	13	7	6	53.8%	3	2	1	4
3-May	7	6	4	0	0	0	0	10	6	4	60.0%	6	0	0	6
9-May	10	6	0	3	1	1	0	11	10	1	90.9%	6	3	1	6
13-Jun	22	10	3	9	6	1	1	30	20	10	66.7%	10	8	1	10
11-Jul	8	3	0	3	3	0	0	9	6	3	66.7%	3	3	0	3
8-Aug	4	4	0	0	0	0	0	4	4	0	100.0%	4	0	0	4
15-Aug	5	3	2	0	1	0	0	6	3	3	50.0%	3	0	0	3
12-Sep	4	2	0	2	1	1	0	6	5	1	83.3%	0	2	1	2
10-Oct	4	3	0	0	1	1	0	5	4	1	80.0%	3	0	1	3
14-Nov	11	3	0	7	0	2	0	12	12	0	100.0%	2	7	2	3
12-Dec	6	3	0	3	0	1	0	7	7	0	100.0%	2	3	1	3
<b>Total</b>	<b>117</b>	<b>59</b>	<b>9</b>	<b>38</b>	<b>20</b>	<b>12</b>	<b>7</b>	<b>145</b>	<b>109</b>	<b>36</b>	<b>75.2%</b>	<b>52</b>	<b>37</b>	<b>12</b>	<b>59</b>
<b>Pass Pctg</b>		<b>86.8%</b>		<b>65.5%</b>		<b>63.2%</b>									
<b>Total Pass Pctg</b>		<b>75.2%</b>													

## 2009

Statistically speaking 2009 was a mixed bag of results and information. We had 117 applicants which was slightly higher than the ten year average and 26 higher than 2008 and 57 less than in 2007. The 117 applicants were administered 145 exams with an overall pass rate of 75.2% which was 12 points lower than the pass rate in 2008. During this year we had five exam sessions when the pass rate was less than 70%. We also had three sessions when no one failed an exam element. During this year we had five sessions with 10 or more applicants including 22 applicants in June. In 2009 we produced 59 new hams.

### Element 2

- 68 exams were administered
- 59 exams were passed for a pass rate of 86.8%.
- The average score on the Tech exam was 87.6%.
- Twelve applicants "aced" the Element 2 exam.
- The number of Element 2 exams was slightly higher than the ten year average and the pass rate was also higher.

### Element 3

- We had one less person pass the Element 3 exam this year than total who took the exam last year.
- The pass rate for Element 3 exams was slightly higher this year compared to 2008 and 4 points higher than 2007.

#### Element 4

- The fourth fewest number of Element 4 exams administered in the past 10 years.
- The pass rate was 63.2% which attests to the difficulty of the exam.
- The pass rate was about 3.5 points lower than the ten year average.

Exams given in 2008															
Date	Applicants	2		3		4		Exams Given	Exams Passed	Exams Failed	Pass Pctg	NewClass			New Hams
		P	F	P	F	P	F					T	G	E	
12-Jan	7	4	0	3	0	1	0	8	8	0	100.0%	3	3	1	4
9-Feb	7	4	0	3	0	3	1	11	10	1	90.9%	2	2	3	4
8-Mar	13	8	0	4	1	3	0	16	15	1	93.8%	7	3	3	8
12-Apr	10	3	2	3	1	3	2	14	9	5	64.3%	2	3	3	3
10-May	2	2	0	0	0	0	0	2	2	0	100.0%	2	0	0	1
14-Jun	6	3	0	4	0	1	0	8	8	0	100.0%	2	3	1	3
21-Jun	4	0	0	4	0	0	0	4	4	0	100.0%	0	4	0	0
12-Jul	2	2	0	0	0	0	0	2	2	0	100.0%	2	0	0	2
9-Aug	6	4	0	2	0	0	0	6	6	0	100.0%	4	2	0	4
13-Sep	9	5	2	2	2	1	0	12	8	4	66.7%	5	2	1	5
11-Oct	9	6	0	3	1	0	0	10	9	1	90.0%	6	3	0	6
8-Nov	9	1	0	3	1	4	1	10	8	2	80.0%	0	3	4	1
13-Dec	7	3	0	2	0	2	0	7	7	0	100.0%	3	2	2	3
<b>Total</b>	<b>91</b>	<b>45</b>	<b>4</b>	<b>33</b>	<b>6</b>	<b>18</b>	<b>4</b>	<b>110</b>	<b>96</b>	<b>14</b>	<b>87.3%</b>	<b>38</b>	<b>30</b>	<b>18</b>	<b>44</b>
<b>Pass Pctg</b>		<b>91.8%</b>		<b>84.6%</b>		<b>81.8%</b>									
<b>Total Pass Pctg</b>		<b>87.3%</b>													

#### 2008

2008 was also a mixed bag of results and information. We had 91 applicants, the fewest since 2005 (64). The 91 applicants were administered 110 exams, the second fewest number of exams since 2005 (86). However, the overall pass rate of 87.3% is the highest pass rate during the previous nine years and 13 points higher than the ten year average. During this year we had two exam sessions when the pass rate was less than 70% and but we also had seven exam sessions that had no failed exam elements (37-0). The down side to 2008 is that we only produced 44 new hams. We had two sessions when 10 or more applicants appeared.

#### Element 2

- 49 exams were administered
- 45 exams were passed for a pass rate of 91.8%.
- Ten applicants "aced" the Element 2 exam.
- The average score on the Tech exam was 91%.
- The number of Element 2 exams was 11 points higher than the ten year average and the pass rate was also higher.
- Highest pass rate of previous 9 years.

#### Element 3

- Second highest pass rate in past 10 years.

#### Element 4

- Highest pass rate in the past 10 years.
- Second highest number of upgrades to Amateur Extra in past 10 years

Exams given in 2007																	
Date	Applicants	1		2		3		4		Exams Given	Exams Passed	Exams Failed	Pass Pctg	NewClass			New Hams
		P	F	P	F	P	F	P	F					T	G	E	
13-Jan	13	1	2	5	0	7	2	2	1	20	15	5	75.0%	5	1	2	5
10-Feb	10	1	1	6	2	2	1	1	0	14	10	4	71.4%	2	1	1	2
10-Mar	23			6	1	8	3	2	0	20	16	4	80.0%	5	8	2	6
14-Apr	6			1	0	2	2	0	1	6	3	3	50.0%	1	2	0	1
12-May	19			10	2	5	2	0	2	21	15	6	71.4%	9	5	0	10
9-Jun	24			7	3	11	5	2	2	30	20	10	66.7%	6	10	2	7
14-Jul	11			6	6	0	1	2	0	15	8	7	53.3%	6	0	2	6
11-Aug	17			10	2	3	2	2	0	19	15	4	78.9%	10	3	2	10
25-Aug	9			6	0	1	2	1	0	10	8	2	80.0%	6	1	1	6
8-Sep	10			5	0	4	0	1	2	12	10	2	83.3%	5	3	1	5
13-Oct	7			2	0	3	3	0	1	9	5	4	55.6%	2	3	0	2
10-Nov	18			3	0	14	3	1	0	21	18	3	85.7%	1	14	1	3
8-Dec	7			4	0	1	1	2	1	9	7	2	77.8%	3	1	2	4
<b>Total</b>	<b>174</b>	<b>2</b>	<b>3</b>	<b>71</b>	<b>16</b>	<b>61</b>	<b>27</b>	<b>16</b>	<b>10</b>	<b>206</b>	<b>150</b>	<b>56</b>	<b>72.8%</b>	<b>61</b>	<b>52</b>	<b>16</b>	<b>67</b>
<b>Pass Pctg</b>		<b>40.0%</b>		<b>81.6%</b>		<b>69.3%</b>		<b>61.5%</b>									
<b>Total Pass Pctg</b>		<b>72.8%</b>															

## 2007

Like 2009 and 2008, this year was a mixed bag of results and information. We had 174 applicants which was the largest number in the 10 years of my record keeping. The 206 exams we administered was the second highest we've ever administered. Code testing (Element 1) was terminated as required element in February. Four sessions had an overall pass rate of less than 70%. We also had nine sessions when over 10 or more applicants appeared for testing including 23 in March and 24 in June. The 24 applicants in June tied with 24 applicants in April 2004 as the highest number of applicants for testing in 10 years

### Element 2

- 87 exams were administered
- 71 exams were passed for a pass rate of 81.6%.
- The average score on the Tech exam was 90.1%.
- Fourteen applicants "aced" the Element 2 exam.
- The 67 new hams were the fourth highest in 10 years.

### Element 3

- We administered more Element 3 exams (88) than ever before.
- The number of Element 3 exams that were passed (61) was the highest in 10 years

### Element 4

- No significant observations.

### Closing comments.

The success or failure of testing is almost always a by-product of the amount of preparation and study by each applicant. The composition of each exam while merely changing the look of the exam is not a contributing factor whether the applicant passes or fails. The test facility and exam process could be contributing factors but I believe we are successful in eliminating them or at least significantly reducing their impact if any.

Some people have taken exams for which they did little or no studying and the results painfully confirm that fact (In June we had several applicants take the Element 3 exam. Several of them admitted that they had not studied and of course, they failed. When the applicants pass that doesn't necessarily mean they did well or even know the material. For example, the 206 applicants who have taken the Element 2 exam since 1 July 2006 have passed with an average score of 87%. Of those 206 applicants---

- 26% (56) of them failed a question on T6A "Modulation modes, descriptions and bandwidth (AM, FM, SSB)";
- 26% (56) failed a question on T6B "Non-voice communications - image communications, data, CW, packet, PSK31, Morse code techniques, and Q signals".
- 23% (49) failed a question on T5C "Repeaters; repeater and simplex operating techniques, offsets, selective squelch, open and closed repeaters, linked repeaters"; and
- 22% (48) failed a question on T8B "Preparation for emergency operations, RACES/ARES, safety of life and property, using ham radio at civic events, compensation prohibited."

I find it somewhat disconcerting that such a high number/percentage are failing questions about repeaters and Emergency communications.

Well that's it for now. For those who asked, I hope I've answered your questions. If you have any questions or comments, send them to: [aa3rr@w3vpr.org](mailto:aa3rr@w3vpr.org)

73 Bob/AA3RR

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**Silent Key: GEORGE JOHN FRITSCH, JR WA3TOX**

George J. Fritsch, Jr. was called home by his Lord on December 28, 2009 after a year of battling cancer. George was born on September 6, 1929 in his parents' home in Baltimore, Maryland. He was a 1948 graduate of Baltimore Polytechnic Institute where he enjoyed annual class reunions through this past October, leading the group in their fight song. George was a long-time employee of the Maryland State Highway Administration and served in various capacities from Junior Draftsman to Bureau Chief of Materials Control. He was a project engineer on parts of US 301 and US 50. George proudly served his country during the Korean War.

George was previously active as an Amateur Radio Operator (Ham Radio) and his call sign was **WA3TOX**. In addition, he was a Boy Scout leader and Little League coach in the Glen Burnie, Maryland area for years. He was an active member over the years at Arbutus United Methodist Church in Baltimore, Maryland, Emmanuel United Methodist Church in Bradenton, Florida and currently at Hillside United Methodist Church in Woodstock, Georgia. George was a devoted choir member at all three churches. He was also an active member of AARP Chapter in Woodstock, Georgia. Over the years, George was an avid bowler and enjoyed bowling in Senior bowling leagues in both Bradenton, Florida and Woodstock, Georgia and had received several bowling awards.

George was preceded in death by his wife of almost 55 years, Jeanne (Berrett) Fritsch. He is survived by his current wife, Barbara (Westhoff) Fritsch, children Kurt Fritsch of Baltimore, Maryland and Linda Walsh of Roswell, Georgia. He was blessed with three grandchildren who called him "Pop", Andrew Walsh, Sarah Walsh, and Jessica Fritsch.

George's ashes were interred at the Georgia National Cemetery in Canton, Georgia on December 31, 2009 with military decorum. A memorial service took place at Hillside United Methodist Church in Woodstock, Georgia at on January 2, 2010. Additional memorial services will take place at later dates in Baltimore, Maryland and Bradenton, Florida.

George was loved by all he met and will be greatly missed.



## ARES/RACES



### Calendar of meetings & activities:

RACES COMMEX on Jan 12 at 1930 hours.  
ARES Meeting on Jan 23 at 0900 at the EOC.  
BSA Klondike Derby on Jan 16.

The Meeting schedule for 2010 is: Jan 23, Feb 20, Mar 20, Apr 24, May 15

**The VoIP Hurricane net** Saturday evenings will be one hour earlier at 7:00 PM eastern standard time due to the time change from daylight saving to eastern standard time. The net is always at 0000 Z Sundays. The net will continue to be held weekly until the first week of Dec when it changes to first Saturdays into May

Visit the Anne Arundel County ARES/RACES website

[www.tinyurl.com/aacaresraces](http://www.tinyurl.com/aacaresraces)

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

**Check it out!**

Anne Arundel Radio Club

History

Published Page by K3BAY\_Steve Kelly

<http://w3vpr.org/node/765>

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## NEWSLETTER - MARYLAND SLOW NET

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

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DECEMBER 2009

**November Honor Roll** (15+ check-ins)  
N3AEA, W8CPG, WE2G, VE2KRM

**November Statistics**  
Sessions: 30 Minutes:872  
QTC: 46 QNI: 140

TO: MSN  
FROM: W8CPG

### Student News

New student Bob/W1IMA, Swansea, MA, has tried unsuccessfully to QNI but propagation has been unforgiving. Mike/KI4NGA lost his antenna in the last nor'easter of several weeks ago, hit with the flu, then holiday activities. Not much lost Mike, propagation has been less than wonderful, but we hope to hear you soon. Robert/N8RLG received his information packet and replied to say he's looking forward to polishing his traffic skills and learning CW. We look forward to working with you, Robert.

### Net Protocol

- Please remember; when the NCS asks you to QNV another station, you are asked to call the other station on the net frequency, establish communication, and, if satisfactory, move to the frequency directed to by the NCS. You may be asked to move up 2 or up 3 or down 2 or 3 kHz. If your contact is successful – QRK 1-5 - just ask your contact station to QSY as directed (e.g. “pse QSY up 3, I will call you”), and carry out your assignment. If not successful return to the Net and advise the NCS “QNP”. You will be reassigned with another station and location to carry out your traffic or training assignment.

### Around The Net

- “Traffic Handling Experiences” from Zeak/KA3LTN. “One may ask what the minimum requirements were. Well, you had to be able to operate in such a way as not to impede the net. CW speed should be sufficient to efficiently conduct the traffic handling and you should know the proper procedures to follow on the net. Now I know the NCS didn't know me from Adam but I have been to EAN many times. I had, in past years fulfilled the position as a 3RN rep to EAN as both Receive and Transmit liaison! With my training on MSN, the Maryland Slow Net, and many years of traffic handling I felt I was certainly qualified to be on the net. (To be continued).
- Propagation has been poor to very poor during the month. In Hoot'NHoller I copy most stations, but when the band has “gone long” KX0T, WE2G and VE2KRM are often QRK 5. This gives us a great opportunity to practice QSP and QNB. If you believe that you can help, advise the NCS.
- W8CPG is currently operating on a G5RV/1/2 Inverted Vee as a result of deteriorated antenna rope, wind, trees, etc. After the snow melts, we'll consult with the mountainantennameister for assistance.
- **Cryptoquips, Quotes, and Philosophy du Jour**  
“I don't know the key to success. But the key to failure is trying to please everybody” – Bill Cosby. *The really happy person is the one who can enjoy the scenery when on a detour* – Author Unknown.  
“Growing old is no more than a bad habit which a busy man has no time to form” – Andre Maurois.  
*Whenever I feel blue, I start breathing again. All of us could take a lesson from the weather. It pays no attention to criticism.*

Merry Christmas to all.

### MSN NET ASSIGNMENTS

	MON	TUE	WED	THU	FRI	SAT	SUN
MSN NCS	K4OSO	N3ZOC	N3AEA	WB9LBI	K3IN	N3WK	AA3SB
ALT. NCS		K3IN					
MDD REP	W3CB	N3ZOC	W8CPG	N3ZOC	K3IN	N3WK	N3ZOC

73, Bruce/W8CPG AR

Comment [CMS1]:

## AARC STAFF - 2010

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### OFFICERS

<b>President:</b>	Rick Creager / KK4GV	301-855-2278	<a href="mailto:kk4qv@w3vpr.org">kk4qv@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	301-442-6249	<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 Delamarter / KB3MPR	410-867-4678	<a href="mailto:kb3mpr@w3vpr.org">kb3mpr@w3vpr.org</a>
	Bob Frierson / WA3HOO	410-721-1219	<a href="mailto:bob.frierson@comcast.net">bob.frierson@comcast.net</a>
	Jim Goldsberry / KB3NQY	410-827-7830	<a href="mailto:kb3nqy@w3vpr.org">kb3nqy@w3vpr.org</a>

### REPRESENTATIVES

<b>Trustee:</b>	Bob Jeter / K3RSJ	410-315-9403	<a href="mailto:jeter904@verizon.net">jeter904@verizon.net</a>
<b>Resident Agent</b>	Robert Rose / AA3RR	410-437-8193	<a href="mailto:aa3rr@verizon.net">aa3rr@verizon.net</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>
	Walt King / N3USB - Trustee		
<b>F.A.R. Representative:</b>	Ed Brown / KA3ZPE		<a href="mailto:brownmejr@comcast.net">brownmejr@comcast.net</a>

### COMMITTEE COORDINATORS

<b>Public Service:</b>	Mark KA3RNW		
<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 Affiliated Club Coordinator:</b>	Robert E Montagne / K3REM	301-464-4377	<a href="mailto:k3rem@arrl.net">k3rem@arrl.net</a>

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### **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

