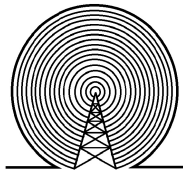


The Ham Arundel News



Providing Fellowship and Community Service Through Amateur Radio Since 1951

28th Year of Publication

Anne Arundel County's Premier Radio Club

October 2005

Work Parties

We need to do some painting on the outside of the building and to paint block you really need a sprayer. Since many folks have one of these in their garage, we are hoping to borrow 1 or 2 from our members rather than going out to buy something we will probably not use again for a very long time. We can also use a couple of ladders for this chore. Please let me know if you can help out here by providing a sprayer or a ladder.

We need to paint the doors to the building again. This can be done with a regular brush and roller. We can provide these or you can bring yours along. Does this sound like something you are interested in helping out with?

There is a medium sized tree on the front of the building that we would like to remove as it is growing right up against the building. We need a chain saw to cut it down and cut it up and some loppers to cut the smaller stuff into manageable pieces. We can stack the wood and toss the limbs (cut small) in the dumpster. A wheel barrow would be helpful here if anyone has one they can bring. Behind the clubhouse is an area where we stack things. Periodically we need to put a weed killer on the ground to keep things from growing in there and cut back any intruding tree branches and vines. We will provide the weed killer but we will need some loppers/nippers to cut this stuff back. Is this the kind of thing you would like to help with?

We need to do some basic housekeeping inside the clubhouse to include cobweb

removal, dusting, sweeping and mopping; bathroom cleaning, refrigerator cleaning... Things like that. Just your basic cleaning. We have some cleaning supplies but feel free to toss your favorite supplies in a bucket and come on down.

For beautification we want to plant a couple of bushes around the front of the clubhouse near where the tree is being removed. I can't imagine the ground on that side is as bad as the ground on the opposite side of the building but if so, we will need a pick axe to dig a hole (I'm SERIOUS!). The bushes and some good soil amendments will be provided. If you have a green thumb and would like to tackle planting the bushes, we have a job for you. I am willing to plant them if someone digs the hole!

There is probably more I am not thinking of at the moment. I will send a reminder as the day nears. Please mark it on your calendar and MAKE THE TIME to come help out even if it is just for an hour. I am thinking we will begin about 9:00am but if you are an early riser and one of these jobs appeals to you, you are welcome to come earlier, I will make sure whatever you need is available to you if you let me know ahead of time that you plan to come earlier.

I hope many of you will make the time to come out and help clean up the site we are SO Lucky to have. Call me if you have any questions or if you would like to sign up to help. Sign up is not required but it is helpful to know how many folks will be showing up.

Thanx for your attention & 73

Lisa / K3LUV

Calendar

Club Events

October 20 - Program Meeting - Bob Bruninga
WB4APR - PCSAT

November 3 - Business Meeting

November 17 - Program Meeting - Mike Martin
K3RFI - RF Interference

December 1 - Business Meeting - Elections - Dues Payable

December 16 - Holiday Party

Hamfests, Contests and Other Events

October 29-30 - CQ Worldwide DX Contest, SSB

October 30 - Mason-Dixon Hamfest - Westminster, MD

VE Testing Schedule

October 8 - AARC - Robert Rose/AA3RR,
410-437-8193

October 15 - Laurel ARC - John Creel, 301-572-5124

October 25 - HEMARC - 6 P.M.

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).

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

Editor: William Smith / AB3BZ

Send Newsletter Information to:

Internet: ab3bz@w3vpr.org

Deadline is 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

Program/Activity 3rd Thursday at 7:30 PM

Board Meeting 4th Thursday at 7:00 PM

Dues:

\$20 per year, payable December 1st

World Wide Web:

www.w3vpr.org

Repeater Frequencies:

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

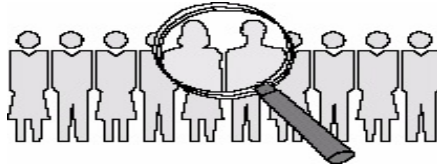
PL: 107.2 for all repeaters except Davidsonville 440 which is 156.7

Maryland Slow Net:

3.717 MHz CW 7:30 P.M. Daily

Visitors are welcome - at 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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Member Information

by Lisa/K3LUV

New Members:

Al Bowen	N3MNV	General
James Wieland	Associate (studying)	
Steven SpencerPriebe	N3SLK	Tech
Frank Winner	N3SEO	Extra

Donations:

Steven SpencerPriebe	N3SLK
Frank Winner	N3SEO
James Frock	
Bob Montagne	K3REM
Wayne "Stan" Stanek	N3PPJ

Equipment:

Bill Koch	N3DNQ
Fred Koester	K3LMR

2006 Club Officers

Once again it is time to select a slate of club officers for the following year. Holly Bevan/N3MB will be the chair for the nominating committee. Please submit your nominations or volunteer for a position by the November Program Meeting. Elections will be held at The December Business Meeting.

Annapolis Ten-Mile Run

The Ten-Mile Run put on by the Annapolis Striders celebrated it's 30th anniversary this year with a buffet luncheon for the volunteers in the new air conditioned lounge of the renovated Naval Academy Stadium immediately after the race. Held on Sunday, August 28th, the event featured 21 of our industrious communicators handling traffic on two nets: one on two meters for those operators spread around the course, and another on 440 for the stadium admin people. We had no emergency messages on the road, and only one medical problem at the stadium. Thank you to the faithful ops who made this another successful public service communications operation. A not inconsiderable donation is typically made to the AARC treasury as a result.

For Sale

Astron Model RS-20M linear power supply, 13.8 VDC, 16 amps continuous, 25 amps intermittent, separate volt & current meters. Excellent Condition. \$50.

MFJ Model MFJ-16010 Random Wire Antenna Tuner, Variable L-Network, 160 through 10 meters, 200 Watts, Manual. Excellent Condition. \$20.

Deane Charlson
WB2DCF
410-573-1943
wb2dcf@arrl.net

VE Testing Report

Four people showed up to take exams on Saturday, 13 August 2005.

A total of six exams were administered as follows:

Three Element 1 (Code) exams were given and one was passed.

Two Element 2 (Technician) exams were given and both passed.

One Element 3 (General) exam was given and it was passed.

Two new Hams resulted from this session (both Technicians) and one Technician upgrade to General. One of the new hams is 10-year old Kirsten Fast, daughter of club member Kelly (N3XUJ). Kirsten's new call is KB3MNY so if you hear her on the air, please congratulate her on getting her license.

The VEs who participated in this exam session include:

N3MB – Holly
N3EMI – Ellen
K3BAY – Steve
K3TH – Tom
K3EQ – Ken
AA3KS – Sherrill
K3SZN – Larry
AA3RR – Bob

Also assisting were Andrew (K3ASK) and Ryan (AE3RR)

September Test Results

Three people showed up to take exams on Saturday, 10 September 2005.

A total of five exams were administered as follows:

One Element 1 (Code) exams were given and passed.

Two Element 2 (Technician) exams were given and passed.

One Element 3 (General) exam was given and passed.

One Element 4 (Amateur Extra) exam was given and passed

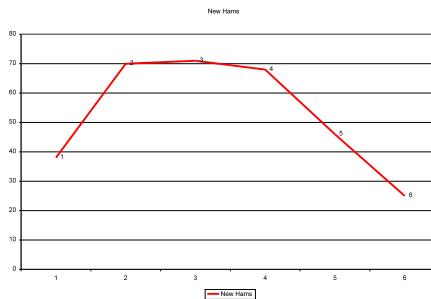
Two new Hams resulted from this session (One Technician and one General) and one applicant upgraded from General to Amateur Extra.

The VEs who participated in this exam session include:

N3MB – Holly
N3EMI – Ellen
N3ADY – Gerry
K3TH – Tom
N3YZ – John
KB3ATI - Brenda
W3VQY - Skip
AA3RR – Bob

Through the first nine months of this year we've had only 54 applicants show up for testing. We've administered 73 exams of which 56 were passed resulting in 21 Technicians, 10 Generals and 6 Amateur Extras. Twenty-four new hams have taken their exams with us. Unfortunately, all of these numbers represent a continuing decline since 2002. In fact we probably produce less new hams this year than during the 8 months following the license restructure of 2000 (38).

The graph below shows the number of new hams we've tested during 2000 through September of this year. 1 = 2000 (38 new hams), 2 = 2001 (70 new hams), 3 = 2002 (71 new hams), 4 = 2003 (68 new hams), 5 = 2004 (46 new hams) and 6 = 2005 (24 new hams)



The declining number of new hams suggests a lack of knowledge about our hobby or possibly a lack of interest in it. Any suggestions for recruiting new hams other than one month a year for our annual licensing class?

DO YOU HAVE AN OLD MOVIE SCREEN THAT YOU DON'T USE ANY MORE?

We are looking for a new screen to show presentations in the clubhouse. Ours is very old, dark and needs replaced desperately. This is another item that we are hoping we can acquire from someone's attic or basement. I recall that many of the home units were on a tripod. We would like to mount it on the wall but I believe most (If Not All) can be removed from the tripod and mounted on the wall or ceiling. If you can help out with this need, please let me know.

What Hath the FCC Wrought?

(Sincere apologies to the late
Samuel F.B. Morse)
Opinion by AA3RR

I don't know if you've had a chance to read any of the nearly 2000 comments (as of 27 August) in response to the FCC's proposal to delete the Morse code test or not, but I have. I've read nearly 500 comments over the past couple weeks and I've found them interesting, amusing and sometimes just plain stupid. There are probably a few other "themes" I've overlooked but here are the common ones I've observed.

Themes under "Delete the code"...

It will bring in lots of new hams. While this argument was put forth many times, I'm not convinced that deleting the Morse code requirement will result in a significant

increase in the amateur radio population in the USA. Nearly 15 years ago, the FCC created a "codeless" license which didn't result in an extensive growth in the US Amateur radio population as was expected.

We don't require a performance test on modern communications modes. Good comment! I like the idea of requiring an applicant for a new license or an upgrade to pass a performance exam that demonstrates their ability to communicate. But why focus only on the oldest technology? Why not develop performance exams for our new technologies?

I've been a General or Extra class for years and I've never used Morse code. Morse is and has been a niche within our hobby in the same manner as Fox Hunting, QRP, RTTY and EME for the past 20 plus years. I suspect there are more people using PSK-31 than CW. I believe it's intuitive that with the introduction of new modes the number of hams using CW has steadily declined.

People who want to use Morse code will do so. Duh! These comments are statements of the blazingly obvious. They deserve to be in the "stupid comment" section.

I can't/won't learn Morse code. I'm not sure I accept the "I can't" argument. I've met hams with a total hearing loss who have passed a code test. I know kids who were nine years old and under who have passed a code test. I do not believe that a 5 wpm code test is overwhelming.

Morse is a deterrent to becoming a ham or upgrading. Morse has been a deterrent to getting a license in the past. With the introduction of the codeless license that's no longer true. However, it certainly has been a deterrent to upgrading, especially when the code tests were 13 wpm for General and 20 wpm for Amateur Extra.

Themes under "Keep the code"...

It will keep the riff-raff out of our hobby. This or similar comments are very common. I believe these statements project a degree of snobbery by those making such comments. Many hams want to expressly use code as a deterrent to upgrading, especially to Extra class.

A parallel concern often expressed is that without Morse code, Amateur Radio will become the 21st Century "Citizens Band". I think the significant difference here is that unlike "CB", the FCC appears to be committed to enforcing the amateur radio rules. Has anyone else noticed that it seems like a majority of the call signs you read about in the FCC letters belong to experienced amateurs with an Advanced or Amateur Extra license? Perhaps the past 13 and 20 WPM code tests did not keep the riff-raff out as intended.

Morse code can be used in emergencies. There is no doubt that Morse code can be used in emergencies but the fact is that there is very little CW used in an emergency. I just recently completed the ARRL's Level 1 and Level 2 Amateur Radio Emergency Communications courses and while it is clear that CW can have a role in the communications support planning, it is not a primary mode and it may not even be a secondary mode in most instances. Each mode has its strengths and weaknesses and based on that, the primary freq/mode within the immediate disaster area is almost always VHF/UHF FM voice. CW is more often used for multi-point communications where the precision is acceptably low and messages have a low priority (e.g., Health and Welfare messages out of the disaster area). PSK-31 is rapidly becoming the digital mode of choice for emergency communications.

If you look at the Maryland-DC (ARES) Emergency Response Plan (ERP) on the MDC Section Manager's web site (www.qsl.net/w3tom) you'll see that CW has a relatively minor role in the plan. The Maryland Slow Net will send traffic of relatively low priority to the Maryland-DC-Delaware (MDD) net for integration into the higher levels of the National Traffic System. The MSN and MDD nets are the only CW nets used in the Maryland-DC Emergency Response Plan.

In response to Hurricane Katrina, amateur radio operators were being sent into areas around New Orleans to support command and control operations for Red Cross and other disaster relief operations. The primary equipment requirements are portable, hand held and mobile VHF and UHF FM stations.

"Amateur Radio volunteers have been utilizing a variety of modes, including HF,

VHF-UHF, Winlink and VoIP, to pass Hurricane Rita-related traffic. The West Gulf ARES Emergency Net continues 24-hour operation on 7.285 MHz days/3.873 MHz evenings, with health-and-welfare traffic taking place on 7.285 MHz days/3.935 MHz evenings. The net also is using 7.290 MHz. The Salvation Army Team Emergency Net (SATERN) has been activating at 1400 UTC daily on 14.265 MHz and monitoring for emergency requests." ARRL Bulletin 26 Sept 2005

Morse code is the only mode that will always "get through". This is not exactly a true statement. For example, PSK-31 is another dependable mode which is rapidly becoming the preferred digital mode of choice due to it's reliability and accuracy. And of course when propagation sucks nothing gets through. But the real response to this comment is: "so what?" What does a Morse code exam have to do with the characteristics, durability and efficiency of Morse code? Or for that matter, the character of the individual taking the exam? (See the next two comments)

People who can't copy 5wpm don't deserve to be hams. This is an example of the stupid comments. Aren't Technician class licensees "real hams"?

People who can't copy code aren't real hams. Another stupid comment. We all know hams who passed their code exam(s) through 20 WPM and have never used code in any QSO or for that matter have very little or no HF experience. Once you've passed the Morse exam there is no requirement to maintain proficiency. Without maintaining their Morse skills, how will hams communicate during an emergency 20 years later using CW?

People who don't want the code test want everything handed to them on a plate. Another stupid comment. While some people may feel this way, I'm fairly sure this is not true across the board.

If you're trapped in a submarine, Morse code might save your life. This is probably my favorite "stupid comment". I don't know how many of you commute to work via submarine, but I don't think this is a real issue.

Without the requirement of Morse Code

knowledge, what purpose would Amateur Radio serve once those of us remaining with knowledge of Morse Code communications [become Silent Keys]? In other words, once those hams who have knowledge of Morse code communications become Silent Keys, amateur radio will no longer have a purpose. Talk about elitist, egotistical, snobbish drivel! This deserves to be in the "stupid column"! The reality is that people will continue to operate using Morse code. For the same reasons people use RTTY, Packet, APRS, EME, QRP, PSK-31, etc., hams will use Morse code because it interests them.

One comment I read provides an interesting analogy:

The "foundation" of computer language is binary. To require a [computer] operator to be conversant in binary before using a computer would be the same as requiring an operator to be conversant in Morse before using ham equipment. As the computer industry has changed to respond to technology, so must ham radio! In other words, you don't need to know binary in order to send an e-mail or to type this document using Microsoft Word and you certainly don't need to know Morse code in order to design the APRS, EchoLink or IRLP or to operate a transmitter using SSB, PSK-31, RTTY, ATV, or Packet.

Personally, I like Morse code and will continue to use it whenever I feel the urge to do so. I believe that Morse code will always be a part of our great hobby even though its stature and preeminence as "the operating mode of choice" has greatly diminished over the years. I also like the idea of a performance test to demonstrate the applicants' ability to communicate via amateur radio in order to earn or upgrade a license. However, I don't believe that copying Morse code at any speed is an appropriate measure of one's ability to communicate via amateur radio. It could be one of several available performance tests but it shouldn't be the only one.

**Candidate Statement for
Atlantic Division Director, W2LC
Scott Bauer.**

As Section Manager for the past 6 years, I have led the WNY Field Organization consisting of the Amateur Radio Emergency Service, National Traffic System, Official Observer program and other appointed volunteers. Before becoming SM I was an Assistant Section Manager. I graduated from SUNY at Buffalo with a BS in Electrical Engineering. I grew up in the Buffalo NY area, lived in the Rochester area for eight years, and now live in the Syracuse area. As an electrical engineer I have responsibility for multi-million dollar electronic hardware developments for a major corporation in Syracuse. I am a community leader on the board of directors of the Baldwinsville youth softball and baseball organization. I coach both girls softball and boys baseball.

I was originally licensed as WN2LCC in 1969, became WA2LCC upon upgrading and obtained the vanity callsign W2LC in 1996. I operate FM, SSB and CW on all bands from 160 meters through 70cm. I enjoy operating several on-air contests each year and especially like the January VHF contest and the 160 Meter contest. I am also an active DXer. My memberships include the ARRL, QCWA, Rochester DX Association (past President), Rochester VHF Group, and the Radio Amateurs of Greater Syracuse. I am a past member of RAWNY and the Rochester ARA.

I support the National Traffic System NTS as a net control on the Central New York Traffic Net on 2 meter FM, and the NYS CW net on 80 meter CW. I have been the acting Section Emergency Coordinator SEC for WNY until recently appointing an enthusiastic new Amateur to the SEC position. I also help to bring in new Amateurs as a volunteer examiner.

I believe that the best representatives for Amateur Radio are those who are active on the air and attend many hamfests and club meetings, as I do as Section Manager. There is no better way to know what Amateurs want than being active on the air and meeting them face-to-face. The Atlantic Division will benefit from my experience as an ARRL Section Manager.

ARRL members deserve to be kept informed of major changes proposed by the Board of Directors. As Division Director I will keep the division membership and Section Managers informed of major board proposals, such as changes to the content in QST and changes to membership services. All Amateurs deserve the attention of the Division Director on matters involving FCC rules changes proposed by the ARRL BOD, as rules changes impact all Amateurs and not just ARRL members. I encourage non-ARRL members to contact me as Division Director to express their concerns.

I will represent all Amateur Radio operators in the Atlantic Division regardless of your interests, class of license or the mode you prefer to operate. The strength of Amateur Radio is in its diversity. As Director I will promote all of Amateur Radio for the good of the service and the hobby. I appreciate your vote. 73 Scott W2LC.

**ANNE ARUNDEL RADIO
CLUB
P.O. BOX 308
DAVIDSONVILLE, MD 21035**

**Minutes of AARC Business Meeting
for September 1, 2005**

Officers present for the meeting were:

- Anthony Young/WA3YLO
President
- Dick McKelvie/K3HQ Vice Pres.
- William Smith/AB3BZ Secretary
- Lisa Fairbank/K3LUV Treasurer
- John Williams/K8JW Director
- Fred Koester/K3LMR Director

The Meeting came to order at 7:30 P.M.

John/K8JW discussed the 075 machine move and the progress of the new EOC.

New Bylaws to be presented to the membership for approval at the October business meeting.

Work parties to be organized to maintain the club house facilities in the fall.

Bill Rynone gave another brief program

on sound propagation.

The meeting was adjourned at 8:05 P.M.

**Minutes of AARC Board Meeting for
September 22, 2005**

Officers present for the meeting were:

- Anthony Young/WA3YLO
President
- Dick McKelvie/K3HQ Vice Pres.
- William Smith/AB3BZ Secretary
- Lisa Fairbank/K3LUV Treasurer
- Eric Fairbank/N3EF Director
- Fred Koester/K3LMR Director
- John Williams/K8JW Director

The Meeting came to order at 7:03 P.M.

The problem of lawn mower storage was discussed. This was a consequence of the status of the recent fire code inspection of the club facilities.

Holly Bevan/N3MB will once again chair the nominations committee to chose the slate of officers for 2006.

The By-Laws are ready to be put to a vote at the October 6, 2005 Business Meeting.

The status of the EOC equipment was discussed. The "075" repeater that was formerly located at Millersville has been moved and activated at the new site on Solly Road. The antenna is lower than expected. This may be rectified in the future.

The 2006 Budget was discussed and will be brought before the membership for a vote.

Stan/N3PPJ suggested that a copy of the meeting agenda be posted before each scheduled meeting. This is being taken under advisement by the board.

Work parties are being organized in the coming weeks.

The pedestal behind the clubhouse will dismantled by the end of the year.

The meeting was adjourned at 8:18 P.M.

Maryland Slow Net

September 2005
TO: MSN
FROM: W8CPG

July Honor Roll (15+ check-ins)
W8CPG, WE2G, KG2HA, KB3HOO,
K4OSO, KG4YLZ

August Statistics
Sessions: 31 Minutes: 804
QTC: 282 QNI: 202

Student News

Milt/K4OSO and Dean/KB3HOO are rocketing along on the MSN Training Course and doing a great job.

Randy/W4XJ is making good progress despite time scheduling difficulties.

MSN students: Wow! What a change in the weather. Suddenly the temperature dropped as did the humidity and the trees have begun to change colors here in HootNHoller, WV. Summer is fading! This is the time to dig into the MSN program, learn traffic handling and polish those CW skills before the snow flies. When catastrophes like Katrina happen, your skills could be called upon.

Net Protocol

Despite our very best efforts things "gang aft a-gley" and an NCS may be late. Please give him or her a few seconds of space and don't forget to check up and down the band to see if the net was started elsewhere. Sometimes an NCS may have local QRM, of which we may not be aware. If you have started the Net and the scheduled NCS checks in, you should be prepared to say QNG? and provide the QNI info that you have logged in. The NCS may choose to have you continue with the Net.

Many thanks to those of you who have cheerfully filled in for the NCS and MDD folks who were away. Thanks also to the Instructors who put in additional time providing training. This month about 150 training messages were sent!

Around The Net

Pete/K3IN has been on a nearly month long schedule of night work while involved with thermal testing of two new satellites. As Pete pointed, testing is crucial in order to avoid expensive "service calls."

Frank/N3ZOC and XYL were in

Australia this month visiting their daughter and touring the country. Frank did some QRP work there and noted that with the cost of the license and shipping the rig both ways, the three QSO's were valued at \$28 each.

The FISTS Club newsletter, The Keynote, reported that Jason/AI4JW, Milt/K4OSO and Lew/KA3AKC were very active in the Winter and Spring "Sprint" contests and had a lot of fun. Also Jim/KG4YLZ and K4OSO have received the FISTS Century and Platinum Awards, respectively, for contacts made with Club members. FISTS members number in the thousands and the club is international.

Check out page 20 of the October 2004 QST for an article entitled "YI9CR--Ham Radio in Iraq" by Steve/AB8CR. Great article, Steve.

Several very nice comments were received regarding W8CPG's article, "What is the MSN," published in the July 2005 AARC Newsletter and sent as an attachment to last month's MSN Newsletter. If you need another copy of the article to share with friends and potential new students, let me know.

*"Cryptoqwticisms"
and Philosophy du jour*

*What do you suppose would be a very careful way to carve a piece of wood?
Whittle by whittle.*

Amateur Radio Volunteers Still Needed

Amateur Radio volunteers still are needed to assist relief agencies in the southern Mississippi counties hardest hit by Hurricane Katrina. In addition ham radio volunteers are wanted to support Hurricane Rita FEMA operations in Texas. ARRL Alabama Section Manager Greg Sarratt, W4OZK, who's been at the American Red Cross volunteer staging area in Montgomery for nearly a month now, says he got a call for more operators this week, but turning the "operator pipeline" back on after holding off on soliciting additional volunteers has been slow.

"Yesterday we received a renewed need for amateurs who can deploy to the Gulf Coast region," he said. "Three Mississippi Gulf Coast counties need amateurs in EOCs, American Red Cross shelters and other locations to provide reliable communication." Sarratt says he's trying to fill a need for 18 operators in Hancock County, 24 in Harrison County and 9 in Jackson County. He reports he's already begun getting word via the nationwide network of ARRL SMs and SECs on the availability of fresh recruits.

Thanks to the ARRL Letter

Club Dues Become Payable December 1.

Club dues will become payable on December 1. Watch for the renewal form in the next newsletter. **Don't lose your membership privileges by putting it off.**

AARC STAFF - 2005

OFFICERS

President:	Anthony Young / WA3YLO	301-262-1917
Vice Pres.:	Richard (Dick) McKelvie / K3HQ	410-841-6685
Secretary:	William Smith / AB3BZ	301-805-4211
Treasurer:	Lisa Fairbank / K3LUV	410-741-1022
Directors:	Fred Koester / K3LMR	410-643-2020
	Eric Fairbank / N3EF	410-741-1022
	John Williams / K8J	410-647-7406

REPRESENTATIVES

Trustee:	Buck Watson / KC3Y	410-255-0896
DFRC Rep:	Wm.. "Stan" Stanek / N3PPJ	410-798-9963
FAR Rep:	Tim Dugan / KA3YYP	410-263-2431
Public Relations:	Holly Bevan / N3MB	410-923-0229
ARES/RACES:	Lew Hendrixson / N3IJK	301-261-3447
Joint 440 Comm:	Butch Marshall / N3KVP	410-295-7244

COMMITTEE COORDINATORS

Facilities Mgr.:	Bill Rynone	410-263-0794
Interference:	Norm Chipps / N3RZU	301-262-4841
Public Service:	<i>open</i>	
Training:	Oscar Ramsey / NV3G	301-262-3392
Repeater Ops:	Tim Dugan / KA3YYP	410-263-2431
Programs:	Richard (Dick) McKelvie / K3HQ	410-841-6685
Scheduling	<i>open</i>	
Shack Ops:	Gerald Burdette / N3ADY	410-956-6216
	Robert Rose / AA3RR	410-437-8193
	Eric Fairbank / N3EF	410-741-1022
Tech. Adv.	John Ward / W3OJ	301-953-9273
VE Team:	Robert Rose / AA3RR	410-437-8193
Packet Radio:	Barry Lazar / K3NDM	410-757-5510
DX/Contesting:	George Vincent / K3GV	301-249-6399
Newsletter:	William Smith / AB3BZ	301-805-4211
Web Page:	William Smith / AB3BZ	301-805-4211
Weathernet:	Margie Currey / KA3PQP	301-261-4011
	Lew Hendrixson / N3IJK	301-261-3447
Field Day:	Lisa Fairbank / K3LUV	410-741-1022
	Eric Fairbank / N3EF	410-741-1022
Emerg. Comm:	"Skip" Johnson / K3FOR	410-349-2950
ARRL Recruit.:	John Crawford / WB3KDB	410-956-5942
ARRL Affil.	Anthony Young / WA3YLO	301-262-1917

Anne Arundel Radio Club, Inc.

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

FIRST CLASS

