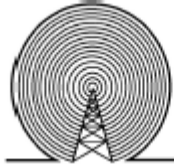


The Ham Arundel News



Providing Fellowship and Community Service through Amateur Radio Since 1951

33rd Year of Publication

Anne Arundel County's Premier Radio Club

May 2010



The Prez Sez . . .

The recent Technician class produced a new crop of hams and many have joined the club.

We have 10 people signed up for the General Class licensing class (which will have started by the time you read this) and a group of great instructors lined up to teach.

In early April, Mike, WA3SKN chaired the club meeting and gave a presentation on the Miracle Matcher. Bill, WB2EIQ spoke about Electric Motors in the Home. I checked into the meeting from Gakona, Alaska via Echolink.

At the presentation meeting on the third Thursday, Giff and Patty Hammar, K1GAH and KB1MVV told the amazing story of their sailboat trip around the world. They kept in touch and updated their website via Winlink for 26 months. Cleverly, they left scripts running back in the States that received and parsed emails to update their map position and blog on the website. That way they did not have to try to do it through a slow or non-existent web connection. The photos and stories were fantastic!

Morse code training and kit-building sessions are still going on. And there are still a few contest operations prior to Field Day to whet your appetite so come on up to the clubhouse and get in on the fun. Go to the club's website www.w3vpr.org, check into the nets, and or the meetings for all the details.

In April our Public Service volunteers worked the Cherry Pit 10 Miler and the Severna Park Triathlon. Thanks to everyone who helped out. The Walk for the Animals comes up on May 2.

At the Thursday, May 6, Club Meeting we will have the AE3WP Estate Equipment Sale. This is all recent model good condition equipment, which will be sold with the proceeds going to Bill Powell's wife. She has donated his IC-910 in Bill's memory to the club station. And speaking of the IC-910 we have already used it to receive signals bounced off the moon! Bill would have definitely approved of that and I can't think of a better way to honor him.

On Thursday, May 20, Bryan N3ST, the Frequency Coordinator for T-MARC (The Mid-Atlantic Repeater Council) comes to AARC to explain how the coordination process works and why it is in place. This is not to be missed.

73, Rick – KK4GV AARC President

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

Editor: Andrea Montrose/K3YLV

Send newsletter articles, questions and information to Andrea at
k3ylw@w3vpr.org

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

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, May 6 - Club Meeting - Topic TBA

Thursday, May 20 - Club Meeting - Bryan N3ST - Frequency Coordinator for T-MARC
How the coordination process works and why it is in place.

Thursday, June 3 - Club Meeting - Bob WB4APR - Solar Power

Saturday June 5 - Contest Operation at Clubhouse Alabama QSO Party - Noon - Midnight

Thursday, June 17 - Club Meeting - Field Day Preparations

Saturday, June 26 & Sunday, June 27 - Field Day! Field Day! Field Day!

2nd and 4th Saturdays of the Month at 3PM - Club Station often OPEN

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

YL Meeting every 3rd Sunday of the Month at 2:00pm

VE Testing Schedule



Second Saturday of each month – Noon – AARC – Robert Rose/AA3RR, 410-437-8193

Third Saturday of each month – 9AM – Laurel ARC – John Creel, 301-572-5124

Fourth Tuesday of each month – 6PM – 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		
1 May	Great Hagerstown Hamfest Antietam Radio Association Talk-In: 147.09 & 146.94 (backup) - no tones Contact: Herman Niedzielski, K2AVA Phone: 301-791-5841 Email: k2ava@myactv.net or click on: http://www.w3cwc.org/HamFests.html	Washington County Agricultural Center MD State Route 65 South Sharpsburg Pike Hagerstown, MD
30 May	MFMA Memorial Day Hamfest Maryland FM Association Talk-In: 146.76, 224.76, 444.0 (PL 107.2) Contact: John Elgin, WA3MNN Phone: 301-641-5313 301-641-5313 Fax: 301-384-6513 Email: wa3mnn@verizon.net or click on: http://www.marylandfm.org	Howard County Fairgrounds 2210 Fairgrounds Road West Friendship, MD
18 July	Maryland Hamfest and Computer Fest Baltimore Radio Amateur TV Society Talk-In: 147.03/R, 224.96/R, 448.325/R Contact: Ed Rosen , N3GXH Phone: 410-461-1212 Email: hamfest@bratsatv.org or click on: http://www.bratsatv.org	Howard County Fairgrounds 2210 Fairgrounds Road West Friendship, MD
15 Aug	Carroll County Tailgate Fest Carroll County Amateur Radio Club Talk-In: 145.410 (PL 114.8) Contact: Steve Beckman , N3SB Phone: 410-583-4321 Email: n3sb@qis.net or click on: http://www.qis.net/~k3pzn	Carroll County Agricultural Ctr Westminster, MD 21157

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

Thursday, May 6 - Club Meeting 7:30 PM - AE3WP Estate Equipment Sale



Recent model good condition equipment will be sold with the proceeds going to Bill Powell's wife. She has donated his IC-910 in Bill's memory to the club station. Mobile transceivers, handhelds, digital interfaces, antennas, test gear, and station accessories will be sold AS-IS for cash. Personal checks accepted from club members.

WELCOME NEW MEMBERS!

Bill N3HTJ
Nancy N3IMD
Charles KB3UDJ

Ronald N3OEN
Erick KB3UDP



Test Results for April

NEW HAMS:

Charles Lumadue - KB3UHQ - **General**
Dennis Seymour - KB3UHR - **Technician**
Chantell Robinson - KB3UHS - **Technician**
Richard Reese Jr - KB3UHT - **Technician**
William Coffman - KB3UHU - **Technician**

UPGRADES:

Herschel Yarber Jr - KB3TRR - **Amateur Extra**
Theodore Stone - KB3TVR - **Amateur Extra**
Norman Stein - KB3OLX - **Amateur Extra**
Gordon Moe - W3MOE - **Amateur Extra**
Robert Joslin - KB3OQY - **Amateur Extra**
Keith Foye - KB3UDM - **General**
Dennis Nolte - KB3TRY - **General**

Public Service Opportunities

Annapolis 10 Mile Run (August 29, 2010) Details will be available soon

Chesapeake Challenge Walk for MS

If you are interested in helping out with either or both days of this fun and exciting Public Service Activity or if you have any questions, please contact kb3cjt@arrl.net or drollhauser@verizon.net or call 443-889-6799.

SPCA-Walk for the Animals - Quiet waters Park - May 2, 2010

Club members provided radio support connecting the outlying water stops with the Director's staff.

There was a huge turnout, great weather, lots of people (and animals), and lots of radio traffic. Two emergencies were handled quickly and successfully, in part due to our ability to provide immediate communications to support personnel (Thanks Mike!).



SPCA officers expressed their appreciation constantly and I often heard "we couldn't do this without you". Not only was this fun, but we were able to hone our basic operating skills. This is the same methodology we would use in case of local disaster support. While this exercise provided a challenge for experienced operators, this is the perfect scenario for new operators to jump in and be able to quickly participate. I can hardly wait until next year!

Participants:

Ted - K3TED,
John - KB3HXN,
Art - KB3DCA,
Larry - W0NQQW,
Mark - KA3RNW,
Kurt - W3TOY,
Bob K3RSJ,
Mike - KA2JAI
Andrea - K3YLW.





WorldWinLink

Giff K1GAH and Patty KB1MVB Hammar give their presentation about sailing around the world while keeping in touch on ham radio via WinLink.

Moonbounce

KB3UDM, AA3CS, KK4GV, W9MDC, and K5ETH listen for signals bounced off the moon by KP4AO using the 1000 foot dish (400 watts and 61 dB gain equals over 4 million watts ERP) at Arecibo, Puerto Rico. Signals were very weak but we did hear them for a few hours using only a 7 element yagi. Thanks to KB3POM for providing the moon's daytime azimuth and elevation.



ARES/RACES

Calendar of meetings & activities:

RACES COMDEX on May 11 at 1930 hours.
ARES Meeting on May 15, at 0900 at the EOC.

Visit the Anne Arundel County ARES/RACES website
www.tinyurl.com/aacaresraces



AA County Training

Mar - Dec classes will focus on the roles and responsibilities of agencies in each of the Emergency Support Functions (ESFs) in the updated Emergency Operations Plan, applying them to emergency/disaster scenarios and working with WebEOC. Each training class will be run two months in a row to allow for scheduling flexibility. All classes are from 1 - 3 PM at the EOC.

May 27, June 25 July 22, Aug 27 Sep 23, Oct 22 Nov 18, Dec 17
If you are interested in ARES, contact Frank Winner AA Co. EC at N3SEO@aol.com



Skywarn Amateur Radio Net



Skywarn is a network of volunteer severe weather spotters trained by local National Weather Service Forecast Offices. Some of the trained spotters are also amateur radio operators. The Anne Arundel County Skywarn subnet is one of several amateur radio subnets that operate in the forecast area of The Washington-Baltimore Weather Forecast Office (WFO) in Sterling, VA.

Each Skywarn subnet is activated when there is a threat of severe weather, or it is occurring within the area covered by the subnet. An informal net may also be activated in a report mode if the threat of severe weather is not immediate. There may not be a net control station during report mode, but the net may be upgraded to a directed net when

conditions warrant. The net control station will make the decision to activate based on information received via e-mail, the internet, telephone or weather radio.

After observations are received from spotters in the field, they are forwarded to Sterling, VA WFO. This may be done either by telephone, e-mail, instant message (AIM), or by direct contact with the main 2-meter Skywarn net on 147.300+. The observations may be used as a basis to issue further watches, warning or special weather statements. Observations are needed to verify weather conditions and provide ground truth to other observed data.

A severe weather spotter does not have to be trained to check into the net. However, taking a Basics I Skywarn Class is strongly encouraged. Information about upcoming Skywarn classes may be obtained here:

<http://www.erh.noaa.gov/lwx/skywarn/classes.html>

or by contacting the Sterling, VA WFO at (703) 996-2200.

There have been some recent changes to the Skywarn Net format. Net control will read the script at least every 30 minutes, instead of every 15 minutes. The north county and Davidsonville repeaters may be linked to provide full county coverage. The use of Echolink may be employed on an experimental basis.

Net Controls, and other stations, may also want to take advantage of some of the computer software that is available. I have found the following to be very useful:

InterWarn and StormLab:

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

StormPredator:

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

73,

Bill

William E. Smith - W3NWS

Skywarn Coordinator

Anne Arundel Co., MD

Report of this winter's Skywarn activities.

Well, this certainly has been an interesting winter. In December we had a snow storm on the 20th which brought us up to 24 inches of snow. During this event, WA3TOY served as net control operator for the Skywarn net. During the course of the net we received fourteen reports ranging from 9 inches in St. Leonard, MD to 24" in Edgewater, MD.

A second small storm occurred on 1/25/10 bringing ¼" hail to the Bowie area. During this ½ hour event, WA3TOY served as net control operator for the Skywarn net.

A third storm occurred on 2/5/10 through 2/6/10 bringing up to 31 inches of snow. During this 22 hour event, N3USP, WA3TOY, W3NWS, and N3CK served as net control operators for the Skywarn net. During the course of the net we received 21 reports ranging from 12.5 inches of snow to 31 inches of snow and also reports of a 6 inch tree down in Brooklyn Park, MD that was blocking a portion of Ritchie Hwy, a 9 inch tree branch down in Edgewater, MD and downed power lines in South Laurel, MD.

A fourth storm occurred on 2/9/10 through 2/10/10 bringing up to 12.5 inches of more snow on top of what we had a few days earlier. During this 25 hour event, WA3TOY, N3CK, W3NWS and N3KNP served as net control operators for the Skywarn net. During the course of the net we received 22 reports ranging from 2 inches of snow to 12.5 inches of snow.

At the onset of the 2/5/10 storm on Friday morning the 147.105 repeater experienced a failure of the preamp on the repeater receiver. Thanks to John K8JW, the problem was quickly corrected.

In addition, we have gained Bill N3SNU as a Skywarn NCS.

These events tested the Skywarn program and system, and I must say that it was a successful test. Some items came up such as the interval for reading the script, and have prompted changes to be made for our local net operations such as reading the script every 30 minutes, versus every 15 minutes. We will also modify the statement about alternate repeaters if the link is in place. We also experimented with linking the 147.105 and the 147.075 repeaters together first using EchoLink. This was done linking my WA3TOY-R node to Mike Montrose's KA2JAI-R node. We found that there was enough latency that using EchoLink was not the way to go. Rick KK4GV activated the RF link which proved to work very well. The linking of the two repeaters provided coverage from end to end even for low power stations, or those using indoor or portable radios, which in many severe weather cases would be the preferred method. We also found that EchoLink was a good tool along with AIM as an administrative tool for the Skywarn staff.

We took reports not only from Anne Arundel County, but from Baltimore and Harford Counties.

To wrap things up with this report, I wish to thank all who provided reports, all who stood by while Skywarn was in operation, and special thanks to the Anne Arundel Radio Club and Rick KK4GV for the use of the two repeaters, and the linking of the same. Also thanks go to the MMARC for allowing Skywarn to use their repeater as a backup.

Also thanks to John WB3GXW for the use of his EchoLink conference server, and to Mike KA2JAI for his assistance with initial repeater linking and to John K8JW for getting the pre-amp problem resolved in a very timely manner.

73;

Kurt Fritsch WA3TOY
Assistant Coordinator
Anne Arundel County Skywarn

NEWSLETTER - MARYLAND SLOW NET

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

April 2010

March Honor Roll (15+ check-ins)

W8CPG, WE2G, VE2KRM,

N9RLO, N3ZOC

TO: MSN

FROM: W8CPG

Student News

Ron/N9RLO of Upland, IN not only completed the Basic training course but is working on the Liaison portion of the Advanced course. That's really great progress Ron and keep up the good work. Attention Students: if you signed up for the Training course but have not begun or completed - this is a great time to begin or resume before those spring chores call you away from the radio to greening pastures.

Net Protocol

- Another reminder that the NCS sets the Net frequency. The Net may be up or down the band a few hundred Hertz from 3.563 MHz depending on local conditions. Please remember the QNZ/zero beating technique. Being on frequency helps insure that the NCS will hear you and makes his/her job easier.
- When formatting a NTS Radiogram, **X** is substituted for a period except for ending the last sentence. The text ends with **<BT>**. **R** is substituted for a decimal point in number groups, e.g. MSN meets on **3R563** MHz. The forward slash or slant bar is used to separate parts of a mixed group as in **W3XXX/MDD** or **W8ABC/Fred/Kalamazoo/MI**. A group separated by slashes is counted as one word when compared with the Check number. The hyphen is not permitted but the word **Dash** is used to separate parts of a group, e.g. zip code 90210 **Dash** 1122. If a question mark is required spell out the word **Query**. Punctuation marks such as comma, semicolon, tilde, underscore, etc. are to be spelled out as necessary and where needed, e.g. address, name, pause. **X** is used to separate thoughts.

Around The Net

- Many thanks to Carter/N3AO for bringing a quite a few pieces of traffic to the MSN. It's really good experience for MSN members to handle real traffic on the Net and opens the door for passing traffic through the MDD This in turn expands our communication opportunities and offers the chance to learn procedures used on other nets. Please bring more traffic to the MSN when possible.
- I had the pleasure of a recent telephone call with Sam/KG2HA. Sam, as you may recall, is Emeritus Professor of Chemistry at Alfred University in Alfred, NY. After teaching at Tufts Univ. and for over 40 years at Alfred Univ., Sam will be honored by the American Chemical Society at a dinner in mid April. At 94 years young, Sam believes being active at the University as well as on HBSN in the morning and the MSN when time is available works well to keep the mind and body functioning as they should.

Quotes, Trivia, and Philosophy du Jour

"The measure of success is not whether you have a tough problem to deal with, but rather if it's the same problem you had last year." – John Foster Dulles. "It is a common experience that a resolved problem difficult at night is resolved in the morning after the committee of sleep has worked on it". – John Steinbeck. Elections should be held "April 16th – the day after we pay our income taxes. That is one of the few things that might discourage politicians from being big spenders. – Thomas Sowell

Remember Mother's Day.

MSN NET ASSIGNMENTS

	MON	TUE	WED	THU	FRI	SAT	SUN
MSN NCS	K4OSO	N3AEA	N3ZOC	WB9LBI	K3IN	N3WK	N3ZOC
ALT. NCS		K3IN					
MDD REP	W3CB	W8CPG	W8CPG	N3ZOC	K3IN	N3WK	N3ZOC
							73, Bruce/W8CPG AR

AARC STAFF - 2010

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	Bob Frierson / WA3HOO	410-721-1219	bob.frierson@comcast.net
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Joint 440 Comm:	John Williams / K8JW	410-647-7406	k8jw@toad.net
	Walt King / N3USB - Trustee		
F.A.R. Representative:	Ed Brown / KA3ZPE		brownmejr@comcast.net

COMMITTEE COORDINATORS

Public Service:	Mark KA3RNW		
Repeater Ops:	John Williams / K8JW	410-647-7406	k8jw@toad.net
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Packet Radio:	Barry Lazar / K3NDM	410-757-5510	k3ndm@arrl.net
Newsletter:	Andrea Montrose / K3YLW	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:	Martin J Pittinger / KB3MXM	410-356-7899	kb3mxm@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

