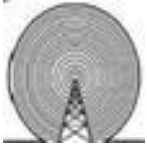


The Ham Arundel News

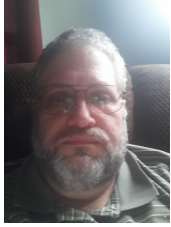


Providing Fellowship and Community Service through
Amateur Radio since 1951



May 2021

43rd Year of Publication



**Prez
Sez**

No Dayton but wait!!!

This year will be our second time that the National convention is being canceled. Since this has happened what options do we have.?

Two of the larger events that happen in conjunction with Hamvention are Contest University (CU) and Four Days in May (FDIM) are going virtual. So what can you expect from each of these?

Contest University (CU) Thursday, May 20, 2021

Several members had attended this event in the past and have had rave reviews. Last year it was a virtual event and saw a great experience. I highly recommend it

Here is the link to register.

<https://www.contestuniversity.com/>

FDIM Saturday, May 22, 2021

This is the national QRP conference but most of the presentations are not on operating but on equipment building. Two of the leading

developers are going to speak. These are Ashher Farham with the uBitx and Hans Summers QCX radios. If you have any interest in building, experimenting, or low power operations. This conference is for you.

To register for the conference here is the link:
<<http://adatab.duckdns.org/QRPARCI/registrati on.cfm>>

73 and Remember next month is Field Day...

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**The Ham Arundel News and
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Mailing Address:
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Davidsonville, MD 21035-0308

Meetings:
Business Meeting 1st Thursday at 7:30 PM
Program/Activity 3rd Thursday at 7:30 PM
Board Meeting - see calendar

Dues:
\$30 per year, payable December 1st
Discounts available for family members and
students

World Wide Web: www.w3vpr.org

Ham Arundel News Deadline

The deadline for the June 2021 issue of the newsletter will be Saturday, May 22. If you have something you wish to share or contribute, please email newsletter@w3vpr.org and include "NEWSLETTER" in the subject line.

Skywarn Basics Classes for May

Thursday, May 6th, 2021, 6:00 PM to 8:00 PM,
Highland VA, Online,
<https://www.eventbrite.com/e/skywarn-basics-highland-county-va-tickets-146748583965>

Courses are open to all interested parties regardless of whether you are a resident of the area for which the class is being held.

Field Day Observations

One of the most important events of the year is just ahead: Field Day. This is an annual event on the fourth weekend of June to demonstrate the potential of amateur radio. Operators typically work away from home with alternative power (solar, generator, battery) with a variety of antennas that can be mobile, launched into trees or even using antennas from uncommon objects (such as slinkys). This is to simulate the role that amateur radio can have in a disaster situation.

Amateur radio is an unofficial communication resource that is available to disaster management management. While an unofficial resource, ham radio has proven itself to be a service to communications when the communications infrastructure is damaged. In Florida, for instance, the amateur repeaters are linked across the state for use during hurricanes.

Field Day also provides a way for new members to become more acquainted with their club, club members and operating procedures. AARC will be participating in this year's field day. Plan to attend (more information on pages 3 and 11).

Club News

New Members

Cynthia 'Cindy' Hunt, KE8RTC, Technician
Charles 'Chuck' Payne, KC3RWO, General
Mary 'Blu' Benzinger, KC3RWG, Technician
'Bill' McLaren, N3GBN, Technician
Barbara Ingersoll, KC3RWF, Technician
Harry Ferrari, KC3RWD, Technician
William 'Brad' Branch, KC3RWE, Technician

Net Controllers Needed Updated

The club needs several people to be net controllers for our Nets.

First, Every weekday morning, except for holidays, the club holds the Holly Net between 7 and 9 am. It is named in memory of Holly Bevan who conducted the morning net for 30 years. This is an informal Net. We need volunteers who can take the duties either once a month or once a week, particularly we currently need controllers for Tuesday and Thursday mornings, either weekly or biweekly.

Additionally, net controllers are needed for the Wednesday night net which begins at 8:00 pm (2000 hours).

You must have a General license or above. The control operators basically direct the net by calling on the members who check in in the order of check-in. An easy script is provided for use when the net is opened and closed and we use Netlogger to help control the flow.

For information or to volunteer contact Bill, NX2II, at <holly.net@w3vpr.org> which redirects to his personal email.

Field Day 2021

Field Day 2021 is just around the corner, the third weekend in June. To make it a successful event we need the assistance of our membership. We are



hoping to have four stations this year under the restrictions in place for social

distancing. We would like to have members volunteer for setting up for the weekend, scheduling operators as well as being present for the event. We have not yet decided if we will run all-night at this point.

There is a survey on whether you can participate, times and type of participation (setup, tear down, operating, etc.).

The survey is at

<<https://www.surveymonkey.com/r/W82552Z>>

Training/Testing

The General class began April 24 and will be skipping Memorial Day. It is anticipated to be over by the testing date in June so new amateurs can participate in Field Day.

Testing at the clubhouse has resumed as of the April session. It is still recommended to pre-register in the event circumstances change.

Antennas

- New J-Pole antennas are being installed at the clubhouse. These are currently hanging from the trees in the rear of the facility. Connections pending.
- The crank-up tower we received from the NASA Goddard club is being rehabbed prior to installation as well as county requirements prior to erection.
- One of the current triband beam antennas is in need of work as the connection was damaged and will require tower work and a tower inspection has been recommended .
- Costing estimates are being sought for the directional antenna, two dipoles, and inverted-L antennas so they can be put online as soon as practicable.

Echolink

Testing is underway to determine the feasibility of using Echolink. The club needs to develop a policy on use and number of slots allocated before proceeding further.

Milford Program

The Club has started a "Milford" program to aid and guide new members. A Milford is a mentor who will assist new members to become not only involved operators as well as involved in club activities (but not necessarily Elmering them). If you are able and willing to assist new amateurs contact Huey Treadwell, AB3GS <ms@w3vpr.org>

Workshop

One of the shelters has been erected so that we can work on modernizing the workshop. Plans are to move the power tools into Shed 2 and use Shed 1 as workstations.

Networking

The club has upgraded our high speed internet access as well as installing new servers. This will allow remote access to the station and repeaters.

Calendar

Club

Due to social distancing requirements, club meetings are being held on Zoom and there have been some changes. The meeting schedule for May - July is:

May 6 - Membership Meeting, 7:30 PM

May 13 - Board meeting

May 20 - Membership Presentation Meeting, 7:30 PM

June 3 - Membership Meeting, 7:30 PM

June 10 - Board meeting

June 17 - Membership Presentation Meeting, 7:30 PM

July 1 - Membership Meeting, 7:30 PM

July 8 - Board meeting

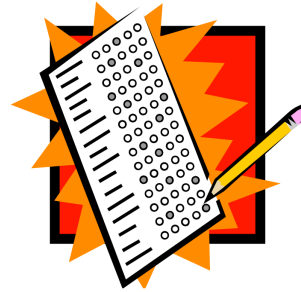
July 15 - Membership Presentation Meeting, 7:30 PM

Invitations to the membership meetings will be emailed to the membership before the meetings. You must request meeting information from the President for Board meetings, the Rules Committee Chairman, or the Vice President for the Antenna Committee meetings.

Training

The club's General Class begins on April 24.

Testing



The dates below are tentative based on current COVID restrictions. Pre-registration is suggested in the event there are cancellations.

May 14 - 1:00 PM. Anne Arundel Radio Club, Davidsonville Family Recreation Center. Registration begins at 12:30 PM. <https://www.w3vpr.org/node/353>

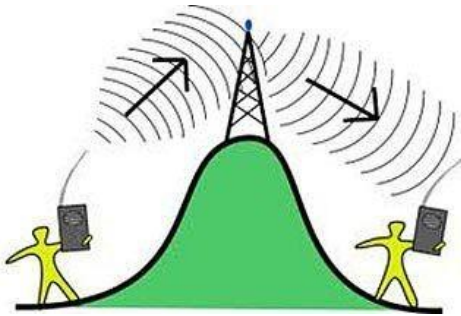
May 21 - 9 AM. Laurel Amateur Radio Club, Women's Club of Laurel. <https://www.larcmd.org/conc/index.php/exams-lau-rel>

May 25 - 6:30 AM. Maryland Mobileers Amateur Radio Club, National Electronics Museum, Linthicum Heights. <https://sites.google.com/site/marylandmobileers/v-e-testing>

You must have a photo identification, FRN number, as well as copies and originals of your license, an email address and CSCE if your license does not show your current license status. The exams are free but the newly announced FCC fee may be in effect.

AARC REPEATER FREQUENCIES

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



PL 107.2 is active for all repeaters
The 147.105, 147.075 and 444.400 repeaters are frequently linked. Please allow 2-3 seconds after the courtesy beep to allow for the link to reset.

Visiting AARC

Visitors are welcome at all meetings and on all nets.

Meetings are held in the Clubhouse at the Davidsonville Family Recreation Center, Queen Anne Bridge and Waysons Roads off Rt. 214 near Davidsonville, MD.

For en-route directions make contact on the 147.105 repeater.

AARC Service Frequencies



When assisting in community events, Field Days or races, AARC uses 146.430 MHz as the primary communications frequency. In the event the frequency is busy, the backup is 146.475 MHz

Repeaters

2 Meter Repeaters

Location	Frequency	Tone	Notes
Davidsonville	147.105+	107.2	AARC Repeater with morning traffic net.
Glen Burnie	147.075+	107.2	AARC repeater Located in Northern AA County.
Brandywine	147.150+	114.8	SMARC Repeater.
Prince Frederick	145.350-	156.7	SPARC/CARC Repeater.
Laurel	147.225+	156.7	Laurel ARC Repeater.
Millersville	146.805-	107.2	Repeater.
Barstow	145.350-	156.7	SPARC Repeater
Baltimore	147.030+	156.7	BRATS Repeater.
Westminster	145.410-	114.8	CCARC Repeater
Sykesville	147.285+	107.2	CCARC Repeater
Columbia	147.135+	156.7	Columbia ARC Repeater
Cooksville	147.390+	156.7	Columbia ARC Repeater
Bladensburg	146.610-	N/A	GMRA Repeater
Greenbelt	146.880-	N/A	GMRA Repeater
District Heights	145.230-	110.9	Prince George's ARES

1.25 Meter Repeaters

Location	Frequency	Tone	Notes
Davidsonville	223.880-	107.2	AARC 1.25M repeater *check to see if tied into 7.105...
Millersville	224.560-	107.2	AARC repeater Located in Northern AA County.
Barstow	223.960-	186.2	Southern MD Digital Group, analog
Baltimore	224.960-	N/A	BRATS Repeater.

70cm Repeaters

Location	Frequency	Tone	Notes
Davidsonville	444.400+	107.2	AARC 70 cm Repeater.
Annapolis	442.300+	107.2	AARC 70 cm Repeater
Millersville	449.125-	107.2	Maryland Mobileers Repeater.
Upper Marlboro	443.600+	103.5	SMARC 70 cm Repeater.
Sunderland	444.950+	156.7	CARC 70 cm Repeater
Baltimore	448.325-	N/A	BRATS 70 cm Repeater
Westminster	449.875-	127.3	CCARC 70 cm Repeater, FM and C4FM
Baltimore City	448.275-	156.7	Columbia ARC Repeater
Columbia	449.475-	156.7	Columbia ARC Repeater
Lanham	447.325-	110.9	Prince George's ARES

Packet Stations

Location	Frequency	Call	Notes
Davidsonville	145.050	W3VPR	AARC Club packet node running JNOS
Davidsonville	145.010	W3VPR-5	Digipeater Relay to EOC Winlink
Millersville	145.010	W3AAC-5	Digipeater Relay to EOC Winlink
Glen Burnie	145.010	W3AAC-10	EOC Winlink system and digipeater

N/A - no tone required

Amateur Radio NETS

Day	Name	Frequency (MHz)	Time
Daily	Baltimore Traffic Net	146.670	1830
Daily	Maryland Emergency Phone Net	3.820	1800
Daily	Maryland-DC-Delaware Traffic Net	3.643	1900 and 2200
Daily	Maryland Slow Net	3.563	1930
Weekdays	The "Holly Net"	147.105+ PL107.2 147.075+ PL107.2 440.400+ PL107.2	0700
Sunday	AA County ARES Net	146.805- PL107.2	2000
Sunday	Columbia Group Net	147.135+ PL156.7 147.390+ PL156.7 448.275- PL156.7 448.275-PL156.7	2100
Sunday (1st)	REACT Net	146.805- PL107.2	1930
Monday	Calvert ARA Net	145.350- PL156.7	1930
Monday	Maryland Mobileers Net	146.805- PL107.2	1930
Monday	Queen Anne's ARC Net	146.940- PL107.2	2000
Monday	Delmarva Amateur Radio Enhancement Net	146.820- PL156.7	2100
Tuesday	Kent Amateur Radio Society 2-meter Net	147.375+ PL156.7	1900
Tuesday	PG-ARES Training Net	145.230- PL110.9	1900
Tuesday (3rd)	Anne Arundel - CERT	442.300+ PL107.2	1900
Wednesday	Boating Net	146.805- PL107.2	1930
Wednesday	Elmer Net	145.350- PL156.7	1930
Wednesday	AARC Talk Net	147.105+ PL107.2 147.075+ PL107.2 440.400+ PL107.2	2000
Wednesday (2nd)	AERO 440 Net	449.575- PL123.1	2000
Wednesday (4th)	AERO 140 Net	147.240+ PL123.1	2000
Wednesday (odd)	Laurel Bi-weekly Club Net	147.225+ PL 156.7	2030
Wednesday (after 3rd Mon.)	Maryland HFHospital Net	3.820+/-	1900

Echolink (E), Allstar (A) and IRLP (I) Repeater Access

Repeater	Location	PL Tone	Nodes
W1AW	Newington, CT (ARRL)	100 Hz	E - W1AWBDCT (501443); I - 4292
N3UR	Jarrettsville		E - 297689
K3YGG	Bethesda, NIH	156.7 Hz	E - 247914
K3GMR	Bladensburg		E - 796114
W3FDK	Frederick	141.3 Hz	E - 614369
W3CU	Millersville	107.2 Hz	E - 90911 (KA2JAI-R)
WA3NAN	Greenbelt		E - 40045
WA3FSJ	Port Deposit	107.3 Hz	E - 585690
K3WX	Ashton	156.7 Hz	E - 251966; I - 4088
WB3GXW	Silver Spring	156.7 Hz	E - 147225 (WASH_DC)
N3HIA	Dundalk	192.8 Hz	E - 480134; A - 49358
K3ARS	Warton	156.7 Hz	E - 249466
N3HIA	Joppa	103.5 Hz	E - 245186; A - 493800
N3UHD N3ITA K3KMA	Clear Spring Frederick Thurmont	79.7 Hz 79.7 Hz 103.5 Hz	E - 481682
K3VEC	Silver Spring	156.7 Hz	E - 84345; I - 4712
K3ORG	Ocean City	151.4 Hz	E - 54945; I - 4291
W3SMD	Barstow, Prince Frederick	186.2 Hz	A- 513100
KX3B	Elkton	131.8 Hz	A - 59149
N3KTX N3KZS	Frederick Manchester	107.2 Hz	I - 7070
KD3SU	Boonsboro	94.8 Hz	I - 8657
WA3UMY	Lexington Park		I - 4820
N3PX	Barstow, Prince Frederick	156.7 Hz	E - 315280 (WB3BW-R)
K3EMD	Trappe	156.7 Hz	E - 969856 (W3GAC-R)

Special Events Stations

Military related

May 7-May 8, 1600Z-2000Z, Armed Forces Day Crossband Test, Various, Fort Huachuca, AZ. US Department of Defense. 5330.5 USB 14438.5 USB 14383.5 USB 13164 FM 2484. QSL. Armed Forces Day, station, contacted . Military stations will transmit on DOD frequencies and announce the amateur frequency they are monitoring. For a complete list of participating stations, modes, frequencies, and times, go to www.dodmars.org after 19 April 2021 www.dodmars.org

May 8, 1600Z-2300Z, USS Midway Museum Ship Special Event: Battle of Coral Sea, NI6IW, San Diego, CA. USS Midway (CV-41) Museum Ship. 7.250 14.320 14.070 (PSK31) DSTAR via PapaSystem repeaters. QSL. USS Midway CV-41 COMEDTRA NI6IW, 910 N Harbor Dr, San Diego, CA 92101. Please include SASE

May 27-Jun 1, 0000Z-2359Z, Fleet Week NYC, W2F, Brooklyn, NY. James Gallo. 14.340. QSL. James Gallo, 149 Marine Ave., Brooklyn, NY 11209.

Historic Events/Holidays

May 7-May 10, 1500Z-2300Z, Golden Spike Special Event - W7G, Corinne, UT. Ogden Amateur Radio Club (OARC) - W7SU. 14.255 7.235 7.074 7.040. QSL. <http://ogdenarc.org> or <http://w7g.org>

May 8, 1400Z-2000Z, Jamestown Landing Day Event K4RC, Williamsburg, VA. Williamsburg Area Amateur Radio Club. 7.265 14.265. Certificate & QSL. QSL Manager, P.O. Box 1470, Williamsburg, VA 23187

May 16-May 31, 0000Z-2359Z, Memorial Day 2021, K1A, Cleburne, TX. Club KC5NX. 14.255 14.045 7.240 7.235. QSL. Jay D stanfield, 9200 Summit Ct. W, Cleburne, TX 76033.. Please QSL with a self-addressed stamped envelope for our QSL.

May 20, 1400Z-2000Z, Celebrating Lindbergh's Transatlantic Flight,, K2CAM, Garden City, NY. Long Island Mobile Amateur Radio Club. 14.240 72.40. QSL. LIMARC, P.O. Box 392, Levittown, NY 11756. Held at the Cradle of Aviation Museum Please QSL SASE

May 28-May 31, 1800Z-1800Z, Birthplace of Memorial Day, W3M, State College, PA. Nittany Amateur Radio Club. 7.195. QSL. W3M, Nittany Amateur Radio Club, P.O. Box 614, State College, PA 16801.

Amateur Radio Related

May 15-May 23, 1500Z-2300Z, Ogden Amateur Radio Club Centennial Celebration Special Event Station W7SU/100 W7SU/100, Ogden, UT. Ogden Amateur Radio Club (OARC) - W7SU. 14.255 7.235 7.074 7.040. QSL. Ogden Amateur Radio Club -W7SU/100, P.O. Box 3353, Ogden, UT 84409. Ogden Amateur Radio Club Centennial Celebration Special Event Station W7SU/100 celebrating 100 years. Founded May 1921, ARRL affiliated January 1937. QRZ.com (W7SU/100/) or ogdenarc.org/10

May 28-May 31, 1800Z-2359Z, K0S Strange Antenna Challenge, K0S, Springfield, MO. N0EW. 28.500 14.300 7.200 3.900. QSL. Erik Weaver, 4857 E. Farm Rd. 136, Springfield, MO 65809. Anyone may operate as a "satellite" K0S station, simply add /K0S to your call sign; each satellite K0S station is responsible for their own QSL. The purpose of the Strange Antenna Challenge is to utilize antennas *not* made of normal antenna materials. In the past, fences, statues, vehicles, and bridges, have all been pressed into service as Strange Antennas.

Miscellany

May 4-May 6, 1300Z-1159Z, World Pulmonary Hypertension Day, W2H, Forked River, NJ. Jack Bartky. 14.250 7.200 18.130 21.300. QSL. Jack Bartky, 2209 Longwood Drive, Forked River, NJ 08731.

May 9-May 15, 0000Z-2359Z, National Police Week - Honor Our Fallen Heroes, K3FBI/0-9, Quantico, VA. FBI Amateur Radio Association. 14.275 14.074 7.275 7.074; all bands, all modes. Certificate & QSL. Jay Chamberlain, NS4J, 27 Fox Run Lane, Fredericksburg, VA 22405 9x12 SASE required for certificate and QSL, with a minimum of \$1.25 USD postage for US stations, \$2.08 USD postage for Canada. \$3.39 USD postage for Europe.

May 15, 1200Z-2200Z, 82nd Annual Ramp Festival, W8TFC, Richwood, WV. The Family Center Amateur Radio Club. 444.450 14.250 7.250 3.850. Certificates will automatically be completed and emailed if operator is listed in QRZ.com.

May 15-May 23, 0000Z-2359Z, EMS Week 2021, W9A, Junction City, WI. Wood County ARES/RACES. AllStar 52770/EchoLink W9WCA-L 14.250 7.250 3.970. QSL via W9WCA with SASE kb9stb@gmail.com



What is ARRL Field Day?

Produced by ARRL, the national association for amateur radio <http://www.arrl.org>

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called “hams”) are well known for our communications support in real disaster and post-disaster situations.

What is the ARRL?

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 170,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

What is Amateur Radio

Often called “ham radio,” the Amateur Radio Service has been around for a century. In that time, it’s grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

For More Information visit: www.arrl.org/field-day

Updated 3/2021