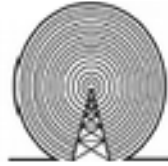


# The Ham Arundel News



Providing Fellowship and Community Service through Amateur Radio Since 1951

April 2018

39<sup>th</sup> Year of Publication

## 2018 Technician Enhancement Proposal

ARRL has asked the FCC to expand HF privileges for Technician licensees to include limited phone privileges on 75, 40, and 15 meters, plus RTTY and digital mode privileges on 80, 40, 15, and 10 meters. The FCC has not yet invited public comment on the proposals, which stem from recommendations put forth by the ARRL Board of Directors' Entry-Level License Committee, which explored various initiatives and gauged member opinions in 2016 and 2017.

"This action will enhance the available license operating privileges in what has become the principal entry-level license class in the Amateur Service," ARRL said in its [Petition](#). "It will attract more newcomers to Amateur Radio, it will result in increased retention of licensees who hold Technician Class licenses, and it will provide an improved incentive for entry-level licensees to increase technical self-training and pursue higher license class achievement and development of communications skills."

Specifically, ARRL proposes to provide Technician licensees, present and future, with phone privileges at 3.900 to 4.000 MHz, 7.225 to 7.300 MHz, and 21.350 to 21.450 MHz, plus RTTY and digital privileges in current Technician allocations on 80, 40, 15, and 10 meters. The ARRL petition points out the explosion in popularity of various digital modes over the past 2 decades. Under the ARRL plan, the maximum HF power level for Technician operators would remain at 200 W PEP. The few remaining Novice licensees would gain no new privileges under the League's proposal.

ARRL's petition points to the need for compelling incentives not only to become a radio amateur in the first place, but then to upgrade and further develop skills. Demographic and technological changes call for a "periodic rebalancing" between those two objectives, the League maintains.

"There has not been such a rebalancing in many years," ARRL said in its petition. "It is time to do that now." The FCC has not assessed entry-level operating privileges since 2005.

The Entry-Level License Committee offered very specific, data- and survey-supported findings about growth in Amateur Radio and its place in the advanced

technological demographic that includes individuals younger than 30. It received significant input from ARRL members via more than 8,000 survey responses.

"The Committee's analysis noted that today, Amateur Radio exists among many more modes of communication than it did half a century ago, or even 20 years ago," ARRL said in its petition.

Now numbering some 378,000, Technician licensees comprise more than half of the US Amateur Radio population. ARRL said that after 17 years of experience with the current Technician license as the gateway to Amateur Radio, it's urgent to make it more attractive to newcomers, in part to improve upon science, technology, engineering, and mathematics (STEM) [education](#) "that inescapably accompanies a [healthy, growing Amateur Radio Service](#)," ARRL asserted.

ARRL said its proposal is critical to developing improved operating skills, increasing emergency communication participation, improving technical self-training, and boosting overall growth in the Amateur Service, which has remained nearly inert at about 1% per year.

The Entry-Level License Committee determined that the current Technician class question pool already covers far more material than necessary for an entry-level exam to validate expanded privileges. ARRL told the FCC that it would continue to refine examination preparation and training materials aimed at STEM topics, increase outreach and recruitment, work with Amateur Radio clubs, and encourage educational institutions to utilize Amateur Radio in STEM and other experiential learning programs.

"ARRL requests that the Commission become a partner in this effort to promote Amateur Radio as a public benefit by making the very nominal changes proposed herein in the Technician class license operating privileges," the petition concluded.

Used with permission The ARRL Letter for March 15, 2018

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## Why We Are Recommending Enhanced HF Privileges for Technician Licensees

ARRL has asked the FCC to expand HF privileges for Technician licensees to include limited phone privileges on 75, 40, and 15 meters, plus RTTY and digital mode privileges on 80, 40, and 15 meters. These

recommendations were put forth by the ARRL Board of Directors' Entry -Level License Committee (ELL) , which explored various initiatives and gauged member s' opinions through surveys conducted in 2016 and 2017. Specifically, ARRL proposes to provide Technician licensees, present and future, with phone privileges at 3.900 to 4.000 MHz, 7.225 to 7.300 MHz, and 21.350 to 21.450 MHz, plus RTTY and digital privileges in current Technician CW allocations on 80, 40, and 15 meters. The ARRL petition is in recognition of the tremendous technological advances and changes in Amateur Radio

"This action will enhance the available license operating privileges in what has become the principal entry -level license class in the Amateur Service," ARRL said in the petition. "It will attract more newcomers to Amateur Radio, it will result in increased retention of licensees who hold Technician class licenses, and it will provide an improved incentive for entry -level licensees to increase technical self -training and pursue higher license class achievement and development of communications skills." We encourage everyone to read the full petition, which can be found at [www.arrl.org/TechnicianEnhancement](http://www.arrl.org/TechnicianEnhancement) Key Points:

- A thorough review of operating privileges available to the entry -level license has not occurred since the late 1970 s when the Novice class license — the entry -level license at that time — was modified to allow Novices access to a limited portion of the 10-meter band, which included the first HF phone privileges for that license class .

- The 2-year process that led to the development of this petition did include significant input from the Amateur Radio community . The two surveys that the ELL Committee conducted on this issue drew more than 8,000 responses from ARRL members

- If the operating privileges are changed as proposed, the Technician class license, (which is now the entry -level license class since the FCC prohibited the issuance of new Novice class licenses in 2000) will be comparable to the "foundation" license found in many Amateur Radio administrations around the world . These foundation licenses include a broad array of basic HF phone, CW , and digital privileges in addition to the VHF/UHF privileges already available with the current Technician class license.

- Technician licensees , now numbering at about 378,000, comprise more than half of the US Amateur Radio population. Yet, the Technician class license is insufficient for the purpose that the FCC made for it 18 years ago. Many who obtain Technician class licenses do not participate actively, do not pursue on- air and public service opportunities, do not renew their licenses prior to expiration, and do not pursue higher license classes. There is an uncomfortably large attrition rate among Technician class licensees. Those who obtain Technician -class licenses are not pursuing

upgrades to General class licenses because they don't find the operating privileges offered by the Technician class license interesting enough to keep them from pursuing other , non-radio -related activities

- The proposed addition of a total of 275 kHz of HF phone privileges , spread across the 80, 40, and 15- meter bands would allow Technicians the opportunity to develop and expand their understanding of HF propagation. In addition, this proposed change would allow Technician licensees to participate in public service -oriented, emergency, and Section traffic nets on 75 -meter phone frequencies from 3900 to 4000 kHz, since 47 out of 50 states conduct their primary state /section -wide public service activities on those frequencies

- Technician licensees already hold CW privileges on the frequencies on the 80, 40, and 15-meter bands where the proposal would add HF digital privileges. Those digital privileges will attract younger people to Amateur Radio.

- There is no proposed change to the 200 W Technician HF power limit. Also, the few remaining Novice licensees would gain no new privileges

- While some believe that the addition of the frequencies takes away the Technician's incentive to upgrade, consider that current Technician HF privileges involve 850 kHz on 4 bands, with the proposed addition of 275 kHz on 3 of those bands, so the total under this proposal is 1125 on 4 bands – 80, 40, 15, and 10 meters. Compare that to General class HF privileges: 3150 kHz across 9 HF bands – 160, 80, 40, 30, 20, 17, 15, 12, and 10 meters. In addition, Generals have access to the 5 -channels on 60- meters, and the two newest bands 2200 and 630 meters. The incentive to upgrade from Technician to General is almost tripling the available HF spectrum and allows those who upgrade access to 8 additional bands, including the prime day -time bands of 20 and 17-meters. Also, when a Technician upgrades to General or higher, they also are permitted the maximum Amateur power level of 1500 W.

- Demographic and technological changes call for a "periodic rebalancing," and there has not been such a rebalancing in many years. The FCC has not assessed entry -level operating privileges since 2005, and yet Amateur Radio has changed dramatically since then, with many more modes of communication having been developed

- ARRL does not propose changes to the Technician class question pool, which is reviewed and updated every 4 years by the NCVEC's Question Pool Committee. The current pool already tests for all of the basic technical and operating information that would allow Technician -class licensees to safely and appropriately use the proposed additional spectrum

# Dayton Hamvention®



## Spotlight on Public Service Communications

[Hamvention®](#) 2018 is May 18-20 at the Greene County Fairgrounds and Expo Center in Xenia, Ohio. The largest annual Amateur Radio gathering in the US, this year's event has been sanctioned as the 2018 ARRL Great Lakes Division Convention. The theme for this year's Hamvention is "Amateur Radio...Serving the Community." ARRL has responded in that spirit, and four ARRL-sponsored forums -- to include many guest presenters -- will comprise a Public Service Communications track on Friday and Saturday of Hamvention.

"Getting Started in Public Service Communications," an introduction to public service communication training and emergency preparedness, will take place on Friday at 9:15 AM, moderated by Ken Bailey, K1FUG, the ARRL Emergency Preparedness Assistant and Continuing Education Program Administrator. He will cover the many ways that radio amateurs serve their communities in good times and in bad.

"Building Partnerships," with ARRL Emergency Preparedness Manager Mike Corey, K11U, and FEMA Community Partners Specialist, External Affairs Sarah Byrne as co-presenters, will begin at 11:50 AM on Friday. Acknowledging that collaborative and mutually beneficial partnerships are key to successful disaster and emergency response, this session will explore how Amateur Radio public service groups rely on such partnerships when serving their communities. Corey and Byrne will address how to build and grow partnerships of different levels of complexity across a wide range of interests and organizations -- from Voluntary Organizations Active in Disasters (VOADs), to other nonprofits and commercial entities.

Corey also will moderate a panel discussion on Saturday at 9:15 AM. This session will offer a chance to hear from representatives of Amateur Radio's largest organizations and partnerships that are active during times of disaster and emergency.

"Stories from the 2017 Hurricanes" is ARRL's final forum in the Public Service Communications track. It will take place at 1:30 PM on Saturday. Special guests will share firsthand accounts of Amateur Radio's response to the 2017 hurricanes in Puerto Rico, US Virgin Islands,



**ARRL Emergency Preparedness Manager Mike Corey, K11U.**

and across the southeastern US. Speakers will include ARRL Section Manager (SM) for Puerto Rico, Oscar Resto, KP4RF; US Virgin Islands SM Fred Kleber, K9VV, and Andy Anderson, KE0AYJ, who was among the Amateur Radio operators organized by ARRL as American Red Cross volunteers who deployed to Puerto Rico in the wake of Hurricane Maria. Anderson and fellow volunteer -- and Hamvention Amateur of the Year -- Val Hotzfeld, NV9L, who also deployed to Puerto Rico, will be keynote speakers at the 2018 ARRL Donor Recognition Reception on the Thursday evening before Hamvention.

People who attend three or more of the ARRL-sponsored Public Service Communications forums will earn an ARRL certificate in recognition of their commitment to ham radio public service training and development.



Hamvention has also organized activities that fold into this year's public service theme. Preble County, Ohio, ARES Emergency

Coordinator Gary

Hollenbaugh, NJ8BB, has coordinated a display of mobile emergency communications vehicles and equipment at Hamvention for 10 years. "The purpose of the display is to promote emergency communications, and for groups who build and operate mobile communications facilities to display their equipment and demonstrate their capabilities," Hollenbaugh said. "It's also a chance for the groups to talk about how to develop emergency communications in the field and to exchange ideas with Hamvention visitors."

The centerpiece of the ARRL's participation at Hamvention is [ARRL EXPO 2018](#), a spacious exhibit area that will be located in Building 2 at the Greene County Fairgrounds and Expo Center. Corey and Bailey have organized an Amateur Radio Public Service exhibit for ARRL EXPO, which will include a small stage and seating so attendees can enjoy 15-minute public-service-themed presentations throughout the convention.

The exhibit will include a display of ARRL [Ham Aid](#) equipment. Ham Aid kits were used throughout Puerto Rico for the hurricane relief and recovery effort. Following the 2017 hurricanes, more than 600 donations to supply and re-supply the Ham Aid program were received from radio clubs, individuals, and several Amateur Radio retailers and manufacturers.

Other ARRL highlights at Hamvention 2018 include the popular ARRL Member Forum, moderated by ARRL Great Lakes Division Director Dale Williams, WA8EFK. The ARRL Member Forum -- at noon on Saturday in Room 3 -- is your opportunity to hear from





## Amateur Radio Emergency Service ARES

### 2018 National Preparedness Symposium Will Promote Whole Community Preparedness Through Unity of Effort

FEMA's Emergency Management Institute (EMI) will host the 2018 National Preparedness Symposium from May 21-24. The symposium provides federal, state, tribal, territorial, and nongovernmental training and exercise officials the opportunity to discuss current and future training and exercise programs and to share case studies, lessons-learned, and smart practices. The theme is "promoting whole community preparedness through unity of effort," with a focus on promoting a culture of preparedness.

The goal of the symposium is to provide the tools, knowledge, and network to improve training and exercise programs that build and sustain capabilities for a more secure and resilient nation. Attendees will have the opportunity to identify at least one element they would like to implement, modify, or validate in their training and exercise program, and they will take away workable improvements that can be used immediately and successfully. The symposium also provides a platform to communicate changes to current capabilities and introduce new FEMA policy.

The event will be held at the National Emergency Training Center, Emmitsburg, Maryland. Applications for registration must be received by April 9, 2018. To apply and for more information, visit <https://training.fema.gov/nationalpreparednesssymposium/> or contact the EMI National Training Liaison Dan Lubman at [daniel.lubman@fema.dhs.gov](mailto:daniel.lubman@fema.dhs.gov).

Used with permission The ARES E-Letter for March 21, 2018

AA

### Media Hits: Emergency Communications in Rural Maine

Two segments that were broadcast on WABI TV (Bangor, Maine) have been receiving much interest in the largely rural state. The second segment covers the Amateur Radio community's contribution to emergency management's radio communications needs, and cites the efforts of Karl Richards, KB1YCF, and Richard (Beau) Beausoleil, N1REX, in particular. Click on the following links to view. -- Thanks, *Steve Hansen, KB1TCE, ARRL Maine Section Emergency Coordinator*

[Emergency Communications in Rural Maine -- Segment One](#)

[Emergency Communications in Rural Maine -- Segment Two](#)

Used with permission The ARES E-Letter for March 21, 2018

AA

### Radio Amateurs Pitch In to Help as "Hat Trick" of Major Coastal Storms Hit Northeast

Amateur Radio volunteers with [WX1BOX](#) at the National Weather Service in Taunton, Massachusetts, and various ARES groups had their hands full during March, as Mother Nature's hat trick of nor'easters brought severe weather conditions and a lot of snow to the northeastern US. The storms caused the Cape Cod ARES team to extend activations for [SKYWARN](#), WX1BOX, and shelter operations.



"This has been a very active period of significant severe weather for the region after a relatively quiet stretch from late January through the end of February,"

observed Rob Macedo, KD1CY, the Eastern Massachusetts Assistant Section Emergency Coordinator for SKYWARN.

The first in the trio of nor'easters -- on March 2 and 3 -- brought mostly heavy rain and wet snow to parts of Massachusetts, Connecticut, eastern New York, and northern New England. Strong to damaging winds swept central and southern New England, with hurricane-force gusts across southeastern New England and Cape Cod and the Islands. The storm caused severe coastal flooding across multiple high-tide cycles.

WX1BOX volunteers were active for 17 hours straight, and afterward, some continued to monitor high tides and strong winds, which persisted into the weekend. The volunteers handled more than 1,000 reports of wind damage, wind gusts measured 40 MPH or higher, localized road flooding from heavy rainfall, and coastal flooding. At the height of the storm, nearly a half million customers in Massachusetts alone lost electrical power. Macedo said Amateur Radio nets were active on repeaters, and on the [New England reflector](#) on EchoLink<sup>®</sup> conference node 9123/\*NEW-ENG3\*/IRLP 9123 system.

"Some of the highest astronomical tides of the year coupled with wind gusts of more than 70 MPH -- and as high as 93 MPH at the Barnstable County, Massachusetts, emergency operations center (EOC) -- to trigger some of the worst coastal flooding in decades," Macedo recounted.



Coastal flood damage in Marblehead, Massachusetts, from the March 2-3 nor'easter. [Jim Palmer, KB1KQW, photo]

Eastern Massachusetts ARES was on standby, and Cape Cod ARES was active for several days with a regional sheltering operation, until power was largely restored to Cape Cod. "Marc Stern, WA1R, guarded the HF net on 75 meters during the nor'easter," Eastern

Massachusetts Section Emergency Coordinator Marek Kozubal, KB1NCG, reported. WC1MAB at the Massachusetts Emergency Management Agency Region 2 Headquarters was also active through the efforts of Mike "Sparky" Leger, N1YLQ.



Only a few days later, a second nor'easter brought heavier snowfall to southern New England, although winds and coastal flooding were not as severe as in the first storm. In the

interior of southern New England, temperatures hovering around freezing meant heavy, wet snow, causing another round of downed trees and power lines and nearly a half-million customers without power in Massachusetts and Connecticut. Eastern Massachusetts ARES was on standby during the storm and for several days afterward until most power was restored.

At WX1BOX, another 14 hours of SKYWARN operations ensued. Amateur Radio nets in Massachusetts, Connecticut, and Rhode Island fielded reports of heavy snowfall, including "thunder snow," wet snow damage, strong gusty winds, heavy rainfall, and minor coastal flooding. Widespread snowfall amounts totaled up to 16 inches in interior southern New England. As much as 30 inches of snow fell in western Massachusetts as well as in parts of New Hampshire, Vermont, and Maine.

*Cape Cod ARES was active for several days with a regional sheltering operation, until power was largely restored to Cape Cod.*

Macedo said it became clear from SKYWARN reports that the region would experience extended power outages. "These reports were noted by state emergency management and the media, and used to inform the public about storm risks and to prepare and act accordingly," Macedo said. SKYWARN nets were also active in the Greater New York City area, reporting damage from wet snow, strong winds, thunder snow, and snowfall totals.

The third storm turned out to be a major nor'easter and blizzard that affected the entire New England region with heavy snowfall -- 2 feet or more in more northern areas. Wind gusts greater than 70 MPH across Cape Cod and the Islands, combined with the weight of wet snow,



Volunteers provided their own gear to operate from WX1BOX over the course of the three nor'easters.

took down trees and utility lines. "Minor coastal flooding also occurred at high tide, but lower astronomical tides again precluded a more significant coastal flood event," Macedo said. Eastern Massachusetts ARES went on standby once more after blizzard warnings were posted.

SKYWARN nets were active throughout the region, gathering snowfall and wind reports from around southern New England. WX1BOX volunteers were on duty for 16 hours, bringing the monthly total to 47. Macedo said, "The [National Weather Service] Forecast Office is in the process of moving, but antennas for VHF/UHF were left in place, and volunteers provided their own gear to operate over the course of these three nor'easters."



Wind gusts well into the hurricane range were recorded on Cape Cod, along with significant damage from the wet snow, and seven Cape Cod ARES volunteers provided communication at shelters, as cell phone service was disrupted during the blizzard. Cape Cod ARES District Emergency Coordinator Frank O'Laughlin, WQ1O, said the volunteers "seamlessly" transitioned

from providing situational awareness to addressing communication failures. He said six ham volunteers supported the regional shelter operation, and two of them put in more than 50 straight hours.

The storm-weary northeast battered down the hatches for another coastal storm at mid-week. -- *Thanks to Rob Macedo, KD1CY*

Used with permission The ARRL Letter for March 22, 2018

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## Classes at AARC

### General License Class.

Our next General License Class will begin April 21st. It is not too early to preregister. Details are on the Training page.

### Morse Code Class

#### When Can I Start

We will set up another Morse Code Class whenever we find enough interested hams willing to put in the time to learn it.



*For more information see the Anne Arundel Club's Training Coordinator, Keith Miller, AE3D, Training*

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MDC QSO Party

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### VE Testing Schedule

**Second Saturday of each month –  
Noon – AARC – Rick Steer / AB3XJ  
[testing@w3vpr.org](mailto:testing@w3vpr.org)**

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

**Fourth Tuesday of each month – 6PM – MMARC –  
Mike Montrose / KA2JAI 443-310-4907 web site is  
[tinyurl.com/marylandmobileers](http://tinyurl.com/marylandmobileers)**

#### **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 (eg., FCC letters, old licenses or unexpired Certificates of Successful Completion of Examination-CSCE)**



# Repeaters and Nets

## 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.

## 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.

## 70cm Repeaters

Location	Frequency	Tone	Notes
Davidsonville	444.400+	107.2	AARC 70 cm Repeater.
Annapolis	442.300+	107.2	AARC 70 cm repeater
Laurel	442.500+	156.7	Laurel ARC 70 cm Repeater.
Millersville	449.125-	107.2	<a href="#">Maryland Mobileers</a> Repeater.
Upper Marlboro	443.600+	103.5	SMARC 70 cm Repeater.

## Packet Stations

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

## Amateur Radio nets

Name	Frequency (in Mhz)	Day	Time
Morning Commuter Net	147.105+ PL 107.2	Weekdays	0600
AARC Talk Net	147.105+ PL 107.2	Wednesday	2000
AA County ARES Net	146.805- PL 107.2	Sunday	2000
Baltimore Traffic Net	146.670-	Daily	1830
Boating Net	146.805- PL 107.2	Wednesday	1930
Maryland Emergency Phone Net	3.920	Daily	1800
Maryland-DC-Delaware Traffic Net	3.643	Daily	1900 and 2200
<u>Maryland Slow Net</u>	3.563	Daily	1930
React Net	442.300+ PL 107.2	1st Sunday	1930

We use **simplex 146.430 Mhz** frequently enough that you should probably program that into your HT or mobile. This is the go-to frequency for many 5K race/walk volunteering efforts, local communication, Field Day setup, and the like when we're not using a repeater.





The second question—How can we help?—is the big question. Here are a few thoughts:

- Join the ARRL. If you're not currently a member, join. You'll have little or no influence, if you are not a member.
  - If you are a member, but your friends are not, encourage them to join. The more members the ARRL has, the more influence it will have. This is common sense, but the ARRL doesn't really seem to care about this. In the past, I've encouraged the ARRL to set a membership goal of 25% of licensed radio amateurs ([link 1](#), [link 2](#)). I honestly don't think this is asking too much, and I've never heard a good argument for them not to do this. They continue to ignore me, and the percentage of licensed radio amateurs that are ARRL members continues to decline.
  - Take an interest in ARRL matters and let your director and vice director know your views. Get your friends to do likewise. Get on the mailing lists for the board meeting agendas and minutes. To do this, log into the ARRL website, click on "Edit your profile," then "Edit email subscriptions."
  - Invite your ARRL elected officials—your division director, vice director, and section manager—to talk at your club meetings. Be prepared to grill them on issues that you think are important.
  - Run for office yourself. I ran for Great Lakes Division vice director twice. Unfortunately, I lost both times, but even running is a way to have an impact. I'd like to see the "loyal opposition" get organized and challenge the status quo, especially in divisions where I think the current director is making bad decisions.
- Having said all that, there are ways to make an impact besides playing ARRL politics:
- Get on the air. It's easier to lose bands if we're not using them. Encourage others to be active.
  - Be an Elmer to those that need it.
  - Teach classes to help those who want a license get a license and to help those who are already licensed to upgrade their licenses.
  - Be an ambassador for amateur radio, especially to related groups, such as the "maker" groups that have sprung up around the country. Make sure that they know about your amateur radio club and the classes and exam sessions that you offer.

I'd love to hear any other thoughts that you all may have on this. I really do think that at this point, we need to inundate the ARRL Board and staff with input from the membership. While they may have a long history of ignoring the membership and just going about their own merry way, now is really a time of change, and this might be the right time to set the ARRL on a better path.

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When he's not getting all worked up over ARRL politics, Dan blogs about amateur radio at KB6NU.Com, teaches amateur radio classes, and works CW on the HF bands. He's the author of the *No Nonsense* amateur radio

license study guides and *The CW Geek's Guide to Having Fun with Morse Code*.

Used with permission

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## SPECIAL EVENTS CALL FOR HELP...

Well, it's that time of year again, the beginning of the public service event season. The first event coming up is the "B&A Trail Marathon and Half Marathon" on Sunday, 08 April. The race start time is 0730.

This is the first call for operators. If you have worked the event in the past and would like to have the same assignments that will be arranged, provided you sign up quickly. We have quite a few new hams that are interested in getting into public service events and this is a good entry point. You will be paired up with experienced operators.

Send me an email ASAP if you would like to help out and if you have done the event before and have a preferred location let me know.

Paul - W4ATN  
AARC Special Events Coordinator

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## UPCOMING HAMFESTS

This is a list of hamfests in the Maryland-DC Section area. I am including hamfests in nearby Pennsylvania, northern Virginia, West Virginia and Delaware as a courtesy to our neighboring Section Managers.

I, as your MDC Section Manager, Marty Pittinger, KB3MXM, and/or a designated ARRL representative(s) plan to attend all hamfests in the ARRL Maryland-DC Section.

We hope to see you all there.

### Delaware State Convention (Delmarva Amateur Radio & Electronics EXPO)

Date: Saturday, April 21, 2018  
Sponsor: Sussex Amateur Radio Association  
Location: Cheer Center, Georgetown, DE  
For more info, click on:  
<http://www.radioelectronicsexpo.com>

### York Hamfest

Date: Saturday, April 28, 2018  
Location: Elicker's Grove Park, Spring Grove, PA  
Sponsor: York Hamfest Foundation  
For more info, click on:  
<http://www.yorkhamfest.org>



The *Ham Arundel News* is the monthly official publication of

The Anne Arundel Radio Club, Inc.  
(ARRL Club No. 0484).

**Editor: Milford Craig / N3WYG**

Send newsletter articles, questions and information to **Milford** at [newsletter@w3vpr.org](mailto:newsletter@w3vpr.org)  
Deadline for submissions – The Saturday after the 3rd 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:**

\$30 per year, payable December 1st  
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**

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**Free Money for AARC!**  
**ARRL Membership Reminder**

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 any time, even before their current membership expires.

Send your application and payment (made out to AARC) to the club treasurer.



# Mark Your Calendars

## REGULAR ACTIVITIES

**Club Meetings** are held on the first and third Thursdays of the month from 7:30 to 9PM at the clubhouse located at the Davidsonville Family Recreation Center in Davidsonville, MD

**Free License Exams** every 2nd Saturday of the Month - Check in at Noon, Exams at 1PM - At the clubhouse - Contact Steve/K3BAY [k3bay@w3vpr.org](mailto:k3bay@w3vpr.org)

**Weekly AARC 2-Meter Net** on 147.105 (Typically linked to 147.075 and 444.400) every Wednesday at 8 PM - All Welcome

**2 meter Morning Commuter Net** on 147.105 (Typically linked to 147.075 and 444.400) every morning 6:30 am to 9:00 am.

## EVENT SCHEDULE

Thursday, April 5 7:30pm  
AARC - Club meeting, newcomers are always welcome.

Saturday, April 7 8:30am  
Technician License Class

Sunday, April 8 1:00pm  
AARC - Mesh Networking group, at 1 to 4 PM at the clubhouse

Thursday, April 12 7:30pm  
AARC - board meeting

Saturday, April 14 12:00pm  
AARC - Free License Exams

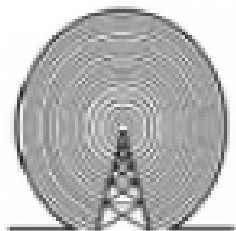
Thursday, April 19 7:30pm  
AARC - Club meeting, newcomers always welcome.

Saturday, April 21 8:30am  
General License Class

Sunday, April 22 1:00pm  
AARC Kit-building, troubleshooting and repair, at 1 to 4 PM at the clubhouse

Saturday, April 28 8:30am  
General License Class

## AARC Two-Meter Net Controller Schedule — 2018



01/03/18	KB3ZYO	Rich	07/04/18	K3MAW	Mike
01/10/18	KB3MUV	Raven	07/11/18	AA3EB	Ed
01/17/18	K3ACT	Chuck	07/18/18	KB3ZYO	Rich
01/24/18	W3KNH	Jamison	07/25/18	KB3MUV	Raven
01/31/18	KB3YQK	Tim			
			08/01/18	K3ACT	Chuck
02/07/18	K3MAW	Mike	08/08/18	W3KNH	Jamison
02/14/18	AA3EB	Ed	08/15/18	KB3YQK	Tim
02/21/18	KB3ZYO	Rich	08/22/18	K3MAW	Mike
02/28/18	KB3MUV	Raven	08/29/18	AA3EB	Ed
03/07/18	K3ACT	Chuck	09/05/18	KB3ZYO	Rich
03/14/18	W3KNH	Jamison	09/12/18	KB3MUV	Raven
03/21/18	KB3YQK	Tim	09/19/18	K3ACT	Chuck
03/28/18	K3MAW	Mike	09/26/18	W3KNH	Jamison
04/04/18	AA3EB	Ed	10/03/18	KB3YQK	Tim
04/11/18	KB3ZYO	Rich	10/10/18	K3MAW	Mike
04/18/18	KB3MUV	Raven	10/17/18	AA3EB	Ed
04/25/18	K3ACT	Chuck	10/24/18	KB3ZYO	Rich
			10/31/18	KB3MUV	Raven
05/02/18	W3KNH	Jamison	11/07/18	K3ACT	Chuck
05/09/18	KB3YQK	Tim	11/14/18	W3KNH	Jamison
05/16/18	K3MAW	Mike	11/21/18	KB3YQK	Tim
05/23/18	AA3EB	Ed	11/28/18	K3MAW	Mike
05/30/18	KB3ZYO	Rich			
06/06/18	KB3MUV	Raven	12/05/18	AA3EB	Ed
06/13/18	K3ACT	Chuck	12/12/18	KB3ZYO	Rich
06/20/18	W3KNH	Jamison	12/19/18	KB3MUV	Raven
06/27/18	KB3YQK	Tim	12/26/18	K3ACT	Chuck



## REPEATER FREQUENCIES

<b>Davidsonville</b>	<b>Millersville</b>	<b>Glen Burnie</b>	<b>Annapolis</b>
<b>147.105+</b>		<b>147.075+</b>	
<b>223.880-</b>	<b>224.560-</b>		
<b>444.400+</b>			<b>442.300+</b>

### PL: 107.2 for all repeaters

The 147.105 and 147.075 repeaters are frequently linked. Please leave an extra second after the courtesy beep to allow the link to reset as well.

*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  
MD Route 214 near Davidsonville, MD.*

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

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## 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+Mhz 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	442.300+Mhz PL107.2	1st Sunday	1930