

ARRL Update

Barnstable Amateur Radio Club
March 1, 2021

Phil Temples, K9HI
Vice Director
New England Division
k9hi@arrl.org



A Little About Me

- Licensed for 50 Years
- Originally from Bloomington, Indiana
- Lived in the Boston area since 1979
- Appointed Vice Director in September, 2020
- Active in ARRL field organization
 - former E. MA Section Manager (five terms)
 - served as Affiliated Club Coordinator
 - currently serve as Assistant Section Manager & Public Information Officer
- Program Chair, New England Division Convention (a.k.a. HamXposition)





Director / Vice Director

- Responsible for setting ARRL national policy
- Defined in Articles 5 and 7 of ARRL Articles of Association
- Director is a voting member of the Board
- Vice Director is non-voting member; a “hot standby”
- Selected on a regional basis – one per division
- Serves three-year term



Section Manager

- Responsible for the local field organization
- Recruits, appoints, and supervises section-level staff and qualified members to other volunteer positions to support field organization objectives
- Keeps well informed concerning matters of ARRL policy
- Monitors the performance of the Field Organization volunteers, etc. etc.
- Maintains liaison with the Division Director; makes periodic reports to the Director regarding the status of Section activities
- Serves two-year term



ARRL is the National Association for Amateur Radio®

Mission statement:

- Supports the awareness and growth of Amateur Radio worldwide
- Advocates for meaningful access to radio spectrum
- Strives for every member to get involved, get active, and get on the air
- Encourages radio experimentation and, through its members, advances radio technology and education
- Organizes and trains volunteers to serve their communities by providing public service and emergency communications

ARRL is Public Service

ARRL is Advocacy

ARRL is Education

ARRL is Technology

ARRL is Membership

The ARRL advances and advocates Amateur Radio through a strong membership base.

[Learn More](#)



It's more than QST Magazine!

- Publications (QST, "On The Air," QEX, National Contest Journal)
- Regulatory Advocacy (legal counsel in Washington, D.C.)
- Logbook of The World (LoTW)
- Bookstore
- Contests (Sweepstakes, ARRL DX, 160-meter, 10-meter, RTTY Roundup, VHF Contest, Straight Key Night)
- Awards (DXCC, WAC, WAS, VUCC, etc.)
- Technical Information Service
- Volunteer Examiner Coordinator
- W1AW
- Field Organization (clubs, EmComm, public relations, youth, technical)
- And of course, much more!

22 THINGS YOU CAN DO WITH AMATEUR RADIO:
TECHNOLOGY THAT'S AS COOL AS YOU WANT TO MAKE IT

EXPAND YOUR WORLD

1. Talk around the world without the Internet or cell phones. Use your own "Internet" when the "other one" is down.
2. Send your voice, text and pictures to unusual places, both near and far.
3. Create your own network of ham radio friends and send instant text messages without cell phones.
4. Meet awesome people from all over the U.S. and around the world, on-the-air and in person at ham radio events.

EXPLORE AMATEUR RADIO

5. Talk through satellites or with astronauts on board the International Space Station.
6. Send messages in code—learn Morse code.
7. Be a signal sleuth, "Fox" hunt for hidden radio signals, and with GPS—GeoFox!
8. Investigate the many new combined radio-Internet communication techniques.
9. Try a new sport—Radiosport: Compete-on-the-air for awards and fun!
10. Send a message around the world using less electricity than a nightlight.

PUT RADIO TO WORK

11. Become a weather spotter and help your community prepare for weather events.
12. Use Amateur Radio to control models, robots, or even drones.
13. Support recovery efforts in emergencies.
14. Earn badges and patches through Scouting programs and participate in worldwide radio events.

ARRL The national association for **AMATEUR RADIO**

Facilities

Two buildings owned:

- W1AW
- Headquarters

Leases a building:

- Warehouse, publications & shipping



Headquarters Staffing

Appox. 94 part-time and FTEs

Function/Department:

- Publications and Editorial
- Membership, Marketing & Communications
- Support
- Advocacy
- Radiosport & Field Services
- Lifelong Learning
- VEC
- W1AW
- Laboratory



You Want Committees? *We got committees!* (non-inclusive list)

Standing Committees

- Executive Committee
- Administrative & Finance Committee
- Programs & Services Committee

Ad Hoc Committees

- Elections & Ethics Committee
- Amateur Radio Legal Defense & Assistance Committee
- RF Safety Committee
- EMC Committee
- Public Relations Committee
- Historical Committee
- ARDF Committee
- HF Band Planning Committee
- ARISS Committee
- EMDSC Committee

Advisory Committees

- Contest Advisory Committee
- DX Advisory Committee

What's New Lately?

Administration

Despite COVID, two significant hires:

- CEO – Dave Minster, NA2AA
- Emergency Management Director – Paul Z. Gilbert, KE5ZW



News

[ARRL News: Coronavirus COVID-19](#)

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Board of Directors Elects New ARRL CEO David Minster, NA2AA

08/27/2020

The ARRL Board of Directors has elected David Minster, NA2AA, of Wayne, New Jersey, as ARRL's new Chief Executive Officer, starting on September 28. Minster is currently Managing Partner at Talentrian Partners, a management consulting firm serving the consumer goods and luxury goods industries.

Minster began his career as a software engineer, moving into management at Unilever, as a Chief Information Officer of this globally recognized portfolio of brands that includes Elizabeth Arden Company, Chesebrough-Ponds Canada, Thomas J. Lipton Co., and others. From there, he moved to fine jewelry manufacturer and retailer David Yurman, where he served as COO and CIO. More recently, Minster served as CEO of jewelry brands Scott Kay and Judith Ripka.

"Building a culture of accomplishment and accountability is what I do best. My initial focus will be working with the Board on establishing strategic goals and concrete plans to navigate ARRL through the digital transformation required for the coming decades of its Second Century. This includes exciting and innovative ways to be engaged in amateur radio, while growing activity and membership."

Minster got his Novice license, WB2MAE, in 1977, when he was in his teens. He progressed from Advanced to Amateur Extra and, after a stint as NW2D, he settled on the vanity call sign NA2AA in the 1990s as a way to honor a mentor, N2AA, and the contest station that he used to frequent, K2GL, in Tuxedo Park, New York.

Minster's ham radio pursuits have ranged far and wide over the years. His background includes National Traffic System training and participation in public service events, as well as contesting from home, club stations, and contest stations in the Caribbean — particularly on Bonaire, where he is a member of PJ4G. Primarily a CW operator, Minster collects unique and vintage bugs and keys.

Minster earned a bachelor's degree in computer engineering from The Ohio State University and has a special interest in satellites, digital communications, remote operation, and ham radio computing and software. He has written keyer software for the commercial market, and contest logging, packet, and satellite telemetry

News

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COVID-19

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ARRL Magazines

ARRL Hires Paul Z. Gilbert, KE5ZW, as Director of Emergency Management

08/12/2020

As another step in ARRL's increased focus on strengthening its emergency communications capabilities and long-standing working relationships with federal and state agencies and private emergency response organizations, ARRL has hired Paul Z. Gilbert, KE5ZW, of Cedar Park, Texas, as its first Director of Emergency Management.

Gilbert brings more than 30 years of experience in public service in both his professional and amateur radio endeavors. Beginning with his appointment as Emergency Coordinator in 1987, he has held multiple positions in the ARRL Field Organization. Currently in his second term as South Texas Section Manager, he has also served for more than a decade as the West Gulf Division's Assistant Director for Public Service, acting as liaison between Division leadership and local, state, and federal emergency management organizations.

Professionally, Gilbert most recently was Radio Officer, HQ Staff, for the Texas State Guard, where for the past 6 years he has been responsible for planning and implementation of the organization's communications capabilities. Previously he was a Public Safety Radio Coordinator for a Texas agency, charged with overseeing that organization's large-scale disaster communications response and identifying and eliminating in-state interoperability issues.

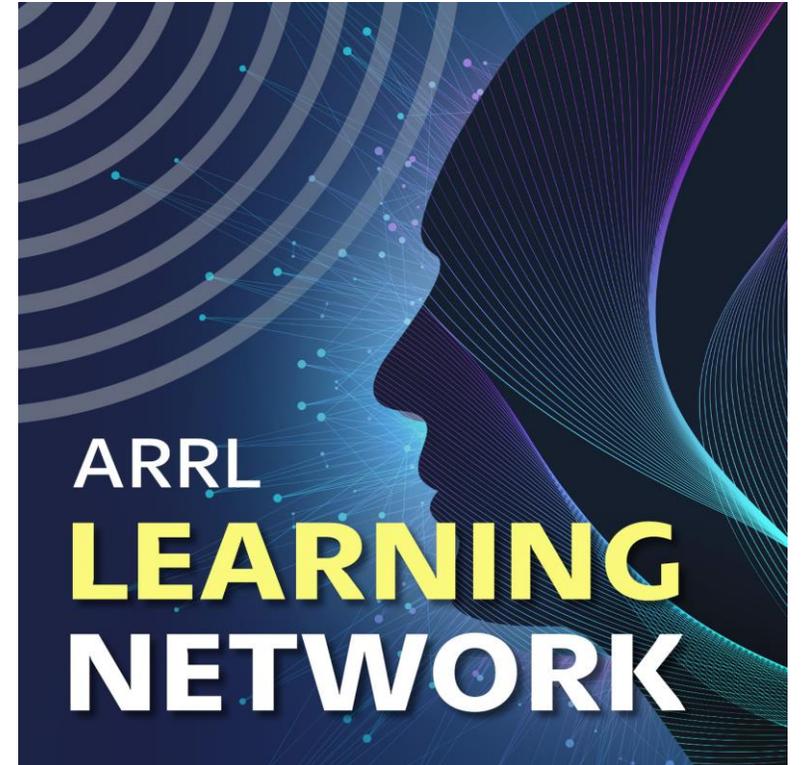
Gilbert, who has an Amateur Extra-class license, is a member of Army MARS, and holds numerous DHS certifications, including COML, COMT, COMT Instructor, and AUXCOM Communicator. He is a member of the FEMA Regional Emergency Communications Coordination Working Group (RECCWG), a graduate of the FEMA Emergency Management Institute's Exercise Design Course, and was a founding member of the Texas Division of Emergency Management Communications Coordination Group.

In his new role, Gilbert will manage a team responsible for supporting ARRL Emergency Communications (EmComm) programs and services, including the Amateur Radio Emergency Service® (ARES®) and National Traffic System (NTS), as well as lead the continued modernization of those programs in consonance with

What's New Lately?

Lifelong Learning

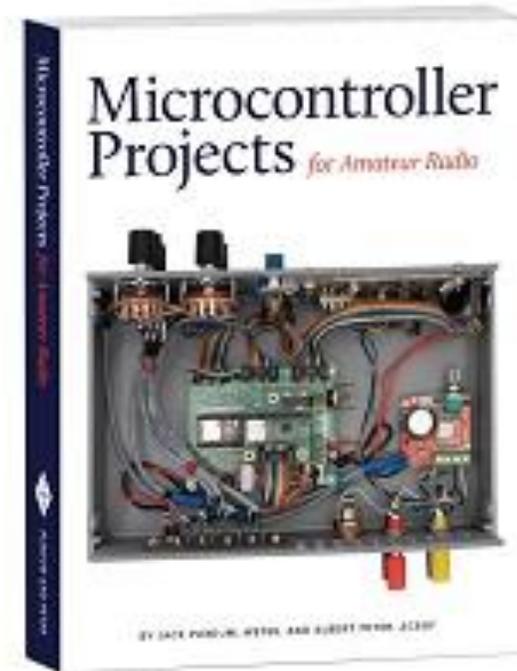
- Launched in fall 2019
- Provide online educational opportunities
- Create a series of learning tracks that will serve the needs of the various interest groups
- Create online learning opportunities for new and newer hams



What's New Lately?

Publications

- Handbook 2021 (Traditional book or six-volume set)
- ARRL Antenna Book (Boxed Set)
- Amateur Radio Contesting for Beginners
- Arduino for Ham Radio
- Low Bands Ham Radio (2200, 630, and 160 Meters)
- Grounding and Bonding (coming soon)



Products

Clearance Sale
 Seasonal Items
 ARRL eBooks
 Kindle Books
 Antennas
 Clothing
 Beginners & New Hams
 Exhibit Supplies
 Contesting, DXCC & Call Sign listings
 Digital Communications
 History & Adventure
 Licensing, Education & Training
 Instructor Resources
 Kits
 Maps
 Other Books (Non-ARRL)
 Nifty! Reference Guides
 Operating
 Pins and Patches
 Public Service
 RSGB Publications
 Software, CDs, & DVDs
 Station Resources
 Technical
 Volunteer Examiner (VE)
 What's New

Shipping and Tax

Customer Service/Support

Return Policy

ARRL Publication Dealers

Product Notes

List All Products

What's New

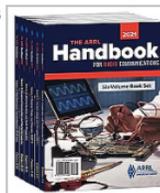
Sort by: Default: Low to High ▾

Result pages: 1 2 ▶

ARRL Handbook 2021 (Six-Volume Book Set)

Six-volumes. *The ARRL Handbook* is divided into six softcover volumes shrink-wrapped together (no box).

Item No. 1403 - \$59.95

[Add to Cart](#)[Add to wish list](#)

Microcontroller Projects for Amateur Radio

Build professional-grade projects to use in your shack every day!

Special Member Price!**Only \$34.95** (regular \$39.95)

Item No. 1281 - \$34.95

[Add to Cart](#)[Add to wish list](#)

ARRL Calendar 2021

12-month wall calendar, featuring the cheerful artwork of Philip "Gil" Gildersleeve, W1CJD.

Item No. 1427 - \$12.95

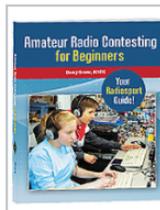
[Add to Cart](#)[Add to wish list](#)

Amateur Radio Contesting for Beginners

Contesting is one of the most exciting aspects of amateur radio. This book includes everything to get started.

Special Member Price!**Only \$24.95** (regular \$27.95)

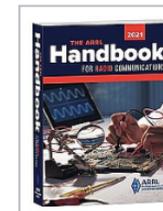
Item No. 1243 - \$24.95

[Add to Cart](#)

ARRL Handbook 2021 (Softcover)

Softcover. *The ARRL Handbook* is your guide to radio experimentation, discovery, and innovation.

Item No. 1397 - \$49.95

[Add to Cart](#)[Add to wish list](#)

Storm Spotting and Amateur Radio 3rd Edition

A resource for the amateur radio operator who volunteers as a trained storm spotter.

Special Member Price!**Only \$19.95** (regular \$22.95)

Item No. 1410 - \$19.95

[Add to Cart](#)[Add to wish list](#)

Gil Cartoon Collection Download

A digital edition of a collection of classic Gil Cartoons from QST!

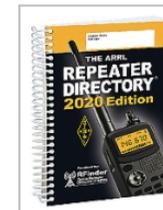
Item No. 0364D - \$10.00

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ARRL Repeater Directory 2020 Edition

21,000+ listings. World's largest printed directory of repeaters.

Item No. 1267 - \$19.95

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Products

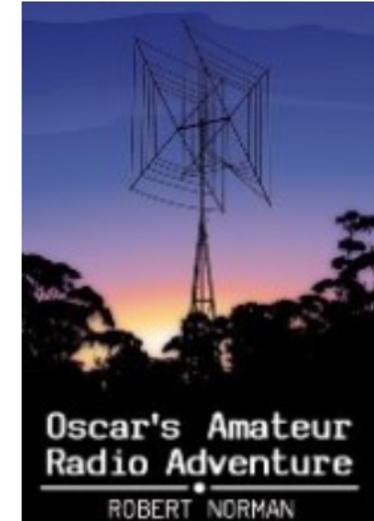
- Clearance Sale
- Seasonal Items
- ARRL eBooks
- Kindle Books
- Antennas
- Clothing
- Beginners & New Hams
- Exhibit Supplies
- Contesting & DXCC
- Digital Communications
- History & Adventure
- Licensing & Education
- Instructor Resources
- Kits & Maps
- Other Books (Non-ARRL)
- Nifty! Reference Guides
- Operating
- Pins and Patches
- Public Service
- RSGB Publications
- Software, CDs, & DVDs
- Station Resources
- Technical

Oscar's Amateur Radio Adventure

Oscar's Amateur Radio Adventure

While visiting his Grandparents, fourteen year old Oscar finds an old wireless radio in the basement. Taking an interest in radios, he discovers Amateur Radio and learns about "hams" using their radios to talk to each other across the country and around the world. The adventure continues when Oscar and his friend earn their Amateur Radio licenses and visit a solar powered ham radio station in the Australian Outback. Oscar soon realizes that this hobby is a means of making friends from all over the world with untold opportunities for new adventures.

© 2010, Robert Norman.



Author: Robert Norman
ISBN: 978-1-92168-197-4
Item No.: 0341
Price: \$9.95

Quantity: ▼

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Share With Friends:



On The Air Debuts

- Premiered in January 2020
- Introduces beginner-to- intermediate-level radio amateurs to a variety of topics to help them get more active and involved
- Monthly podcast
- Expected to have 20k members choose OTA as their primary print publication

On the Air Magazine

News
ARRL Audio News
ARRL Periodicals Archive Search
QST
On the Air Magazine
On the Air Magazine - Comments
OTA sample
On the Air Blog
Read On the Air
On the Air Podcast
QEX
NCJ
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So Now What?
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ARRL Magazines



Discover all you can do with your amateur radio license!

[Magazine](#) | [Podcast](#) | [Blog](#) | [Facebook](#) | [Join/Renew](#)

On the Air Magazine

On the Air is a suite of ARRL benefits for new ham radio licensees, anchored by the ARRL bimonthly magazine, *On the Air*. The magazine covers a range of ham radio interests and topics, delivering introductory techniques and stories to help anyone with a beginner-to-intermediate-level of experience. From making your first radio contact to selecting the right equipment to project building and getting involved with public service or your local clubs, *On the Air* magazine and its suite of companion benefits will help you make the most of your amateur radio license. Get active, get involved, get **On the Air!**

Members: read the latest issue of *On the Air* [here](#).

Click [here](#) to see a sample issue.

On the Air Podcast

On the Air podcast is a companion to the bimonthly *On the Air* magazine and takes a deeper dive into select features and projects. Each month, host and *On the Air* Editorial Director Becky Schoenfeld, W1BXY, will offer additional resources, techniques, and hints to help you get the most from the magazine's content.

What's New Lately?

Volunteer Monitor Program

- "Soft Rollout" on February 1, 2020
- Headed by former FCC employee Riley Hollingsworth, K4ZDH, assisted by Dan Henderson, N1ND (ARRL Hq.)
- 165 active Volunteer Monitors nationwide
- To report an issue: k4zdh@arrl.org or n1nd@arrl.org



Goodbye, Official Observer Program...

Hello, Volunteer Monitor Program!

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New Volunteer Monitor Program is Up and Running

04/10/2020

After kicking off on January 1, the new **Volunteer Monitor Program** has ramped up to operational status. A “soft rollout” of the program began on February 1, designed to familiarize Volunteer Monitors (VMs) with issues on the bands and to put into practice what to report — and what to ignore, based on their training. The VMs not only will be looking for operating discrepancies, but for examples of good operating. The VM program has, at least for the moment, put Riley Hollingsworth, K4ZDH, back in the center of amateur radio enforcement as the Volunteer Monitor Coordinator (VMC). He was brought aboard to get the program up and running, and ARRL will eventually take over the VMC function.

Hollingsworth is using a system called *VMTRAC* — developed by a VM — to measure the work of VMs and determine instances that qualify for good operator or discrepancy notices, referral to the FCC, or follow-up with FCC requests to the VM program. Hollingsworth reported that during March, the 165 active VMs logged upward of 2,300 hours of monitoring on HF, and nearly 2,000 hours on VHF-UHF and other frequencies.

“I am extremely pleased with the number of hours devoted to monitoring this early in the program,” Hollingsworth said. No stone is being left unturned. Two VMs constantly monitor FT8 watering holes and have developed programs that alert them if a licensee is operating outside of privileges accorded to that license class or if a license has expired. “That has occurred in a half dozen cases so far,” he said.

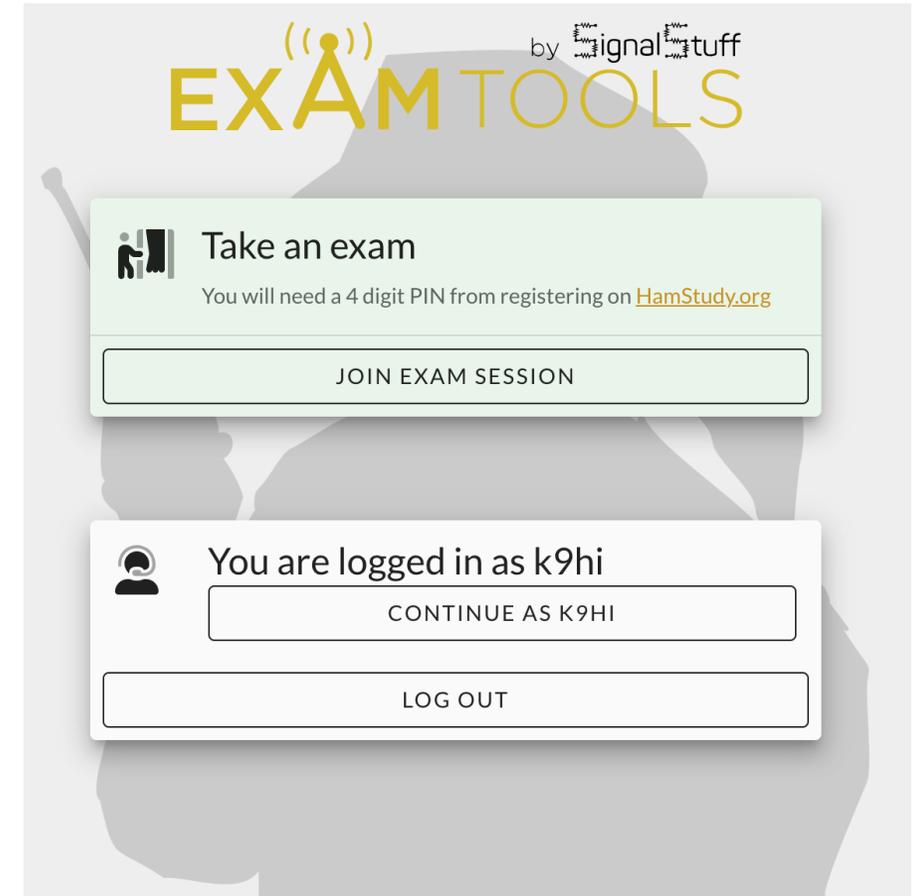
“We have 30 open cases, five of which are good operator cases,” Hollingsworth said. “Regarding open cases relating to rule violations, none have yet had to be referred to the FCC.” He said he’s experimented with letters, telephone calls, or emails to the subjects of discrepancy reports where they could be identified. While

What's New Lately?

Volunteer Examiner Coordinator Program

Adapting to the COVID-19 pandemic via:

- Social distancing
- “Drive-in” testing
- Remote (“Zoom”) testing



Remotely Administered Amateur Exam Systems Showing Promise

New England Amateur Radio Inc (**NE1AR**), an affiliate of New England Sci-Tech, (**NESciTech**), has taken it one step further, Somma said. It got the approval of ARRL VEC to begin trials of what it describes as “completely online testing with strict rules and protocols for maintaining the integrity of the testing environment.” NE1AR is limiting candidates to one exam per candidate, due to the current candidate backlog and the “difficulty of administering exams online.” Candidates must agree to a list of protocols, which include no visitors (or pets) in the exam room and a cell-phone camera scan of the entire room and exam area “to show that there are no materials or people [in the room] that could aid in taking the exam.” If the VE team suspects the possibility of cheating, the exam may be terminated and the candidate barred from future online exam sessions.

“We began a series of trials on April 1 under ARRL VEC review and have now been asked to help train more VE Teams on the process,” NE1AR President Bob Phinney, K5TEC, told ARRL. “We have now tested 12 applicants and are still working on streamlining the process. We are working with the software developer of the exam delivery system to help them adapt the system for video-supervised testing.” At present, Phinney said, only one person at a time can be tested. Another time-related issue is how long it takes a candidate to go through the NE1AR security protocol. “Sometimes, the setup and follow-up for an exam take far longer than the exam itself, in order that we provide complete integrity of the exam session,” he said.

With pressure continuing to build to provide testing compatible with COVID-19 guidelines and stay-home orders, ARRL VEC Manager Maria Somma, AB1FM, has asked the amateur radio community to be patient. “Please remember that with the



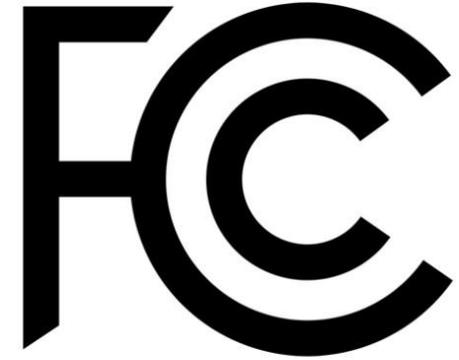
ARRL VEC, 225 Main Street, Newington, CT 06111
Phone: 1-860-594-0300 web: www.arrl.org/volunteer-examiners

DEPARTMENT FACT SHEET

- ❖ The ARRL VEC program began in July 1984, after the FCC stopped testing at FCC Field Offices (in 1983 they created the VEC system). ARRL VEC has over 30 years of Service to Radio Amateurs, operating as a knowledgeable information source for a wide-range of licensing issues.
- ❖ Today, the ARRL VEC is the largest of the 14 VECs, representing more than 70% of all exams given (at one point there were more than 25 VECs). Exam applicants can search for Amateur Radio Test Locations in their area at www.arrl.org/exam.
- ❖ The ARRL VEC has 6 staff members ready to serve you. Manager is Maria Somma, AB1FM, Assistant Manager is Amanda Grimaldi, N1NHL, and service representatives are Lisa Riendeau, Stephanie Borden, W2MAU, Josh Nance, and Ann Brinius.
- ❖ Stats include more than 25,000 accredited Volunteer Examiners, holding more than 7,000 exams per year, serving nearly 35,000 examinees per year.
- ❖ In the last 30 years over 160,000 Exam Sessions have been conducted, more than 1.5 million Exam Elements have been given and over one million persons have been served (includes initial and upgrade applications and license modifications and renewals).
- ❖ Volunteer Examiners (VEs) are accredited by the ARRL VEC obtaining training and ongoing guidance from our online VE Manual found at www.arrl.org/ve-manual, as well as by phone or email.
- ❖ The Volunteer Examiner section (www.arrl.org/volunteer-examiners) of the ARRL website offers information and resources for VEs and candidates.
- ❖ The VE Resources page (www.arrl.org/resources-for-ves) supports and assists VEs in one easy to access location, providing exam session documents, FCC rules and regulations, and additional information and clarification on exam session related topics.

What's New Lately?

Regulatory Advocacy

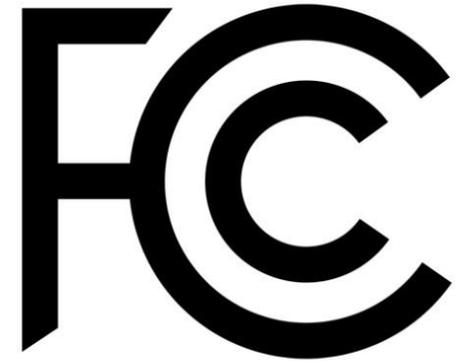


- Report and Order (R&O) and Further Notice of Proposed Rulemaking in WT Docket No. 19-348, “Remove the amateur allocation from the 3.3 – 3.5 GHz band.” Petition for Reconsideration was filed with the FCC on November 9, 2020.
- NPRM in Docket 20-270 – “Amendment of the schedule of application fees” i.e., \$50 fee proposal. The ARRL filed comments and mounted a PR campaign to solicit a large number of comments from the membership. More than 3800 comments filed as of November 18, 2020.
- Public Notice in WT Docket 21-2 seeking input on possible expansion of the VEC pool on January 5, 2021. ARRL comments filed on February 4, 2021.

What's New Lately?

Regulatory Advocacy (cont'.d) Report & Order, Docket 20-270

December 30, 2020



...The FCC scaled back to the fee to \$35... the FCC has agreed with ARRL and other commenters that its proposed \$50 fee for certain amateur radio applications was too high to account for the minimal staff involvement in these applications.

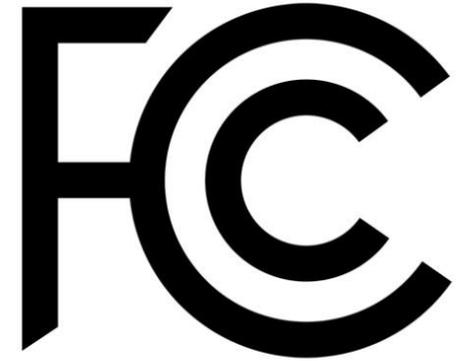
Although some commenters supported the proposed \$50 fee as reasonable and fair, “ARRL and many individual commenters argued that there was no cost-based justification for application fees in the Amateur Radio Service.”

What's New Lately?

Regulatory Advocacy (cont'd)

WT Docket 21-2

January 5, 2021



... ARRL told the FCC that no additional Volunteer Examiner Coordinators (VECs) are needed to oversee the administration of amateur radio exams...

“ARRL reviewed the amateur examination numbers for the past 5 years, including the COVID-19 pandemic period... and found that even though 10 of the 12 months for calendar year 2020 were times of severe disruption throughout the nation... amateur examination opportunities and numbers were strong.”

Quiz Time!

Which of the following about Hiram Percy Maxim is not true?

- a) He is co-founder of the American Radio Relay League
- b) He invented the first commercially successful firearm silencer
- c) He is buried in West Hartford, Connecticut
- d) He experimented with powered flight
- e) He developed mufflers for internal combustion engines



TOP HAM RADIO MOVIES – COMPILED BY AD7DB

"Gone With the Wind" - 1939. Drama.

The classic story of Brett and Charlotte as they try to save their 100 foot tower in the worst windstorm to hit Georgia since the Civil War.

"The Longest Yard" - 1974. Comedy.

Burt Reynolds acquires the largest property in a new subdivision, then finds his plans to put up a huge antenna farm thwarted by a hostile homeowners association (Jackie Gleason, Loni Anderson, Dom DeLouise).

"The Lost Contest Weekend" - 1945. Drama.

Ray Milland in a dramatic battle on 20 Meters for one elusive QSL.

"I Was a Teenage Novice" - 1957. Drama.

A troubled teenager (Michael Landon) finds fun and excitement after getting a ham license.

"It Came from Radio Shack" - 1977. Horror.

Bill Bixby tries to keep a computer called TRS-80 from taking over the world.

"Rear Window" - 1954. Suspense.

Alfred Hitchcock did several marvelous films heavy on the subject of ham radio. In this movie, James Stewart plays a man confined to a wheelchair, determined to break the CC&R's and put up an end-fed wire antenna going out his apartment window - without the neighbors catching on. Grace Kelly and Thelma Ritter also star. Watch for Hitchcock's appearance over in Ross Bagdasarian's apartment.

TOP HAM RADIO MOVIES (Con't.)

"The Man Who Knew Too Much" - 1956. Suspense.

James Stewart shows up at an FCC testing office for his ham license. What he doesn't know is, he's over-studied for it, and is smarter than the examiners, who force him into working for them! Watch for Hitchcock's appearance as someone taking a code test! See if you can figure out what he's sending!

"The Birds" - 1963. Thriller.

The classic about a bunch of people stranded in a Northern California town who find that the only means of communication to the outside is by way of some of them newfangled OSCAR satellites.

Other Nominees:

"Frequency" - 2000. Drama.

Ham operator finds his radio can time warp and talk to his dad decades in the past. How does he expect to QSL? (First nominated by AD7DB.)

"Contact" - 1997. Drama.

Female ham operator (Jodie Foster) controls the Arecibo radiotelescope, where she picks up an extraterrestrial signal. Now that's what I call DX! (First nominated by AD7DB.)

Thank you!

Questions?

Comments?



Shirley Temple Black (1928-2014)