



# *ARRL Affiliated Club Coordinator November 2024 Newsletter*

*“Get the most from your ARRL membership by distributing this newsletter to all your fellow club members. And as always, I'm here to help you with all your ARRL needs!”*

*73,*

*Dudley KM4IYQ – ARRL E. TN. ACC*

*“Helping to preserve the future of Amateur Radio.”*

## **ARRL TN Section/Division/National/International News**

### **ARRL Audio News**

Listen to the latest audio news from ARRL at: [November News](#)

### **ARRL Latest QST Issue Link**

Be sure and be logged into the ARRL Website: [November Issue](#)

### **An Important Reminder to all ARRL Affiliated Clubs**

It's quickly approaching the end of 2024 and many memberships to ARRL and club dues will be coming due. Here are a couple things to make note of they you may want to take advantage of over the next couple of months:

#### **1.) Club Commission Program:**

One of the benefits of being an ARRL Affiliated Club is a commission for recruiting new ARRL members and securing timely ARRL member renewals. The commission structure has been updated and the process has changed to make it more lucrative and easier for the clubs. All membership dues are sent to ARRL to be processed and the club receives a commission

payment directly from ARRL. No more complicated adjusting funds around credit cards, checks and cash. ARRL does all the processing. As a result, your club could earn money while promoting the many benefits and programs of ARRL to ensure that amateur radio is protected and continues to be strong.

Q. What is the ARRL Affiliated Club Commission Program?

A. The ARRL Affiliated Club Commission Program allows ARRL Affiliated Clubs to earn a commission on new and renewing STANDARD memberships.

Q. How much commission does the club earn for new and renewing members?

A. Each new ARRL STANDARD membership earns the club a \$20 commission (family, student/youth, and blind memberships are not eligible). New members are defined as never having been a member or a returning member that has not been a member for two years. Each renewal now earns the club a \$5 commission. There is no limit to the amount a club can earn in this program.

Q. What is the process for the club?

A. The club will follow the process for both new and renewal applications

1. Each new or renewing ARRL member should fill out a membership application form: [ARRL Membership Application Form](#)

2. Payment in FULL can be made to ARRL by check, credit card, or cash.

3. The club then sends all applications with FULL payment along with the Club Commission Reconciliation Form to ARRL for processing. [Club Commission Reconciliation Form](#)

4. The memberships are processed once received by ARRL, and the club receives the commission.

5. Commission payments can be made by check to the club or Direct Deposit.

## **2.) Updating Your Affiliated Club Database Record:**

The club update area is now active. This section allows you to edit information in your club record and also upload photos of your club activities. The club update is your [Annual Report](#).

You must update your club record at least once per year even if nothing changes to your officers. The club update is how we know that the club is still in business and keeps the contact information current for ARRL and prospective hams to get in touch with your club. Should two years pass without an update your club will be listed as inactive.

Follow this link for an instructional overview of how to use the editing system. [https://www.arrl.org/files/file/Clubs/Club%20Update%20Online\\_20150806.pdf](https://www.arrl.org/files/file/Clubs/Club%20Update%20Online_20150806.pdf)

Note: You must be logged into the ARRL web site to use the editing system

### ***ARRL Systems Service Disruption***

The ARRL DXCC® System has been returned to service, and our staff is again processing applications for credit toward DXCC awards. The queue includes nearly 3,000 award applications submitted via Logbook of The World® (LoTW®) accounts and mailed paper applications. We are processing the backlog as quickly as possible, and will provide additional progress updates.

For now, the online DXCC application will remain offline. Any new award applications we receive will experience significant delays as we work through the backlog.

As previously reported, LoTW® was returned to service on Monday, July 1, 2024. Since then, the system has been processing log uploads with little or no processing delay.

We are grateful for your continued patience and understanding as we continue to make progress on the few remaining services that have required additional attention to bring back online.

### ***2024 ARRL Field Day Results Published***

Results are published, and the numbers are in. They paint a picture of a very active 2024 ARRL Field Day. Nearly 1.3 million contacts were reported during the 24-hour event. That is up from 2023's 1.25 million contacts. That's likely indicative of the continued rise of Solar Cycle 25 leading up to the event, but more people also participated this year.

Entries were received from all 85 ARRL and Radio Amateurs of Canada (RAC) sections, as well as from 27 different countries from outside the US and Canada. "It is encouraging to see a rise in participation year to year," said ARRL Contest Program Manager Paul Bourque, N1SFE. "ARRL Field Day is amateur radio's premier event, and the hams turned out for it."

Field Day is whatever you make it. For some participants, it's a contest; for others, it's a social gathering and club activity. Other groups use Field Day to showcase what amateur radio is all about to the public. Some groups use Field Day as an opportunity to introduce youths to amateur radio.

Class A, B, and C scores are included in the 2024 QST results article. The scores for Class D, E and F stations and club aggregate scores are listed in the 2024 line scores on the web, as well in the digital edition of QST.

Results are available now on the ARRL Field Day website at <https://field-day.arrl.org/fdresults.php> and in the December issue of QST.

## ***NCVEC Question Pool Committee Removes Two Pool Questions From Use***

The National Conference of Volunteer Examiner Coordinators (NCVEC) Question Pool Committee (QPC) has removed one Extra Class pool question and one General Class pool question from use. Both Extra pool question **E2A13** and General pool question **G8C01** have been deleted from use on examinations as the two questions each have more than one correct answer. The deleted questions must be removed from examinations as soon as possible.

Updated question pool files, including the errata and new information, have been posted on the NCVEC Extra Class question pool web page at <https://www.ncvec.org/index.php/2024-2028-extra-class-question-pool-release> The current Element 4 Extra question pool became effective on July 1, 2024, and it is valid through June 30, 2028.

Updated General Class question pool files, also including the errata and new information, have been posted on the NCVEC General Class question pool web page at <https://www.ncvec.org/index.php/2023-2027-general-question-pool-release> . The current Element 3 General question pool became effective on July 1, 2023, and it is valid through June 30, 2027.

The ARRL VEC advises the community to regularly check the NCVEC website at <https://www.ncvec.org/> for updates to the question pools, which may include errata and withdrawn questions.

## ***Handbook 101: A New Generation of Amateur Radio***

ARRL® The National Association for Amateur Radio® is pleased to announce the next generation of The ARRL Handbook.

The ARRL Handbook is your complete guide to wireless technology, experimentation, practice, and development – capturing the state of radio science and technology in one authoritative work for nearly 100 years. Use its more than 1,200 pages of amateur radio know-how to delve into radio electronics, circuit design, digital modulation techniques, and equipment construction.

The 101st edition proudly introduces a new editor, Gregory D. Lapin, Ph.D., PE, N9GL. Greg and his team of subject matter experts in the community bring a fresh perspective and new outlook on the future of amateur radio. They have revised entire chapters on radio fundamentals, transmission lines, general safety, assembling a station, and more. Major updates to Handbook 101 include:

- Information on electromagnetic analysis and inexpensive tools for modeling circuits, antennas, and propagation.
- New material on higher-level modeling of transmitters and receivers.

- A new section on preparing your station for emergency operations.
- Radio astronomy receiver and antenna design information.
- A new section on batteries and battery safety.
- A new section on NEC4 and the antenna modeling software built on it.
- New material on SWR meters and related tests.
- The latest on RF safety and compliance with FCC exposure regulations.

Handbook 101 comes with a bonus e-Book download. The download contains a wealth of online content and includes the fully searchable digital edition of the printed book, plus expanded supplemental content, software, PC board templates, and other support files.

Whether you're an experienced ham or new to the hobby, you'll find information you can use in The ARRL Handbook. Like Handbook editor Gregory Lapin, N9GL, said about the first Handbook he owned, "That edition was half the size of the current Handbook and I was never able to read it from cover to cover. I have had many editions since then and ... have never read every word in [it] until this year. Regardless, it has always been one of the great references on my bookshelf; I refer to it often... I hope you enjoy the 101st edition and gain lots of knowledge to help our hobby continue moving forward into the next century and beyond."

The ARRL Handbook is available in a six-volume set and softcover book from the ARRL Store or your ARRL dealer. Handbook 101 six-volume book set, ARRL Item No. 2073, ISBN 978-1-62595-207-3, is \$69.95 retail. Handbook 101 softcover book, ARRL Item No. 2011, ISBN 978-1-62595-201-1, is \$69.95 retail. To order by phone, call (860) 594-0200 or, toll-free in the US, (888) 277-5289. Contact ARRL Publication Sales for more information.

## ***2025 ARRL Foundation Scholarship Program Accepting Applications through Jan 6, of 2025***

The 2025 ARRL Foundation Scholarship Program will begin accepting applications on October 30, 2024. Applications will be accepted through January 6, 2025.

More than 100 scholarships ranging from \$500 to \$25,000 will be awarded. All applicants must be active, FCC-licensed amateur radio operators. Information, along with the link to the online application, can be found on ARRL's website: <https://www.arrl.org/scholarship-program>

## ***National Traffic System - NTS® Resources***

The National Traffic System® (NTS®) is a network of amateur radio operators who move information during disasters and other emergencies. General messages offering well wishes also move through the NTS® to help test the system and to help amateur radio operators build traffic handling skills. While the NTS® is primarily set up to serve the United States and Canada, it is possible to move traffic internationally through the NTS® through various local, regional, area, and international network connections.

Please join in the fun on the TN Traffic Net on 3980 kHz, Mon-Fri. 5:40 AM, 6:45 AM, & 6:30 PM, Sat 7 AM & 6:30 PM, Sun & Holidays 7 AM. All times are Central Time.

Since the time change, the evening phone net meets one hour earlier during standard time in the Winter due to band conditions at 5:30 PM.

Also, the CW Net meets on 3562 kHz Mon-Sat at 7:00 PM.

[NTS 2.0](#)

[NTS Manual](#)

[NTS Methods and Practices Guidelines](#)

[Handling Instructions](#)

[Numbered Texts](#)

[Form encoding Rules for Forms](#)

## ***AMSAT will celebrate the 50th anniversary of Amateur Satellite AMSAT OSCAR 7 (AO-7)***

Throughout the month of November, AMSAT will celebrate the 50th anniversary of amateur satellite AMSAT OSCAR 7 (AO-7), a SmallSat launched on November 15, 1974. AO-7 is still working and has been nicknamed the “sleeping beauty” of satellites because it came back to life after years of “sleeping.” Designed by radio amateurs, the final assembly occurred in a basement laboratory not far from the Goddard Space Flight Center in Maryland. AO-7 lived a very healthy lifetime of 6.5 years but in late 1980, AO-7’s NiCad battery began to show serious signs of increased series resistance. This was a sure sign to AMSAT command stations that the end was in sight for AO-7. The cells had been originally matched for capacity by NASA and they all failed within a matter of weeks of one another. AO-7 stayed asleep for 21 years, but then one day in June 2002, the satellite woke up again. This was only possible if something caused an open circuit in the battery. On June 21, 2002, a very active user of AO-7, Pat Gowain, G3IOR, from the UK, made a telephone call to Perry Klein, W3PK, the first AMSAT president and designer of the VHF/HF transponder. Gowain was wondering if a new low-Earth-orbit (LEO) spacecraft had been launched. He was hearing Morse Code telemetry again on AO-7’s old beacon frequency. He played Perry a tape recording and it turned out to be AO-7 telemetry! AMSAT will honor this historic achievement with a series of short articles highlighting the life of AO-7. You can visit a special page on the AMSAT website where you will find a collection of AO-7 articles and links at <https://www.amsat.org/amsat-ao-7-a-fifty-year-anniversary/>



## ***Amateur Radio YouTubers are Hosting a Telethon***

Amateur Radio YouTubers are scheduled to host a telethon to benefit the ARRL Teachers Institute on Wireless Technology. The event will be hosted by **Josh Nass, KI6NAZ, on his Ham Radio Crash Course YouTube channel.**

<https://www.youtube.com/@HamRadioCrashCourse> The live event will be on Saturday, November 30. Several generous donors have stepped up with a challenge grant to encourage other radio amateurs to donate to the **ARRL Education and Technology Fund.**

The ARRL Teachers Institute on Wireless Technology is growing next year, and a number of social media stars are coming together to help it happen. The proceeds benefit the ARRL Education and Technology Fund, which is what pays for the Teachers Institute (TI).

There is skin in the game. *“Several donors created a challenge with a \$20,000 pledge. The Donor Challenge will be unlocked when others step up and give during this year’s telethon.”* said ARRL Director of Development Kevin Beal, K8EAL. *“It really shows the value hams place on inspiring and educating the next generation of radio amateurs. They’re going to be the engineers that lead our world forward, and ham radio is a solid foundation for wireless technology.”* said Beal.

All the funding for the ARRL Teachers Institute on Wireless Technology comes from donations. In the last three years, 175 educators have graduated TI. There were 7 cohorts of the program in 2024, there are 16 planned for 2025, including taking the institute “on the road” to different cities around the country. The goal is to have 300 teachers in 2025, exceeding the combined total of the last three years.

ARRL Education and Learning Manager Steve Goodgame, K5ATA, will join Nass on the telethon. He’ll share success stories from the last several years, and answer questions about the program. *“We’re seeing real success, and it’s great to have the opportunity to tell the stories that come out of enabling these educators.”* he said.

## **TN Hamfests/Conventions**

**2025 Dayton Hamvention® Announcement** -2025 Dayton Hamvention® will be held at the Greene County Fairgrounds in Xenia, Ohio, on May 16, 17, and 18. The theme for 2025 will be “Radio Independence”. Dayton Hamvention is the largest hamfest in the country. Find tickets and more information at [www.hamvention.org](http://www.hamvention.org).

## **Handy ARRL Links**

- ARRL Home: [www.arrl.org](http://www.arrl.org)
- ARRL Property/Liability Club and Personal Insurance: <https://www.arrlinsurance.com/>
- Find help with RF assessments: <http://www.arrl.org/rf-exposure>
- Find an ARRL Affiliated Club: [www.arrl.org/clubs](http://www.arrl.org/clubs)
- Find your ARRL Section: [www.arrl.org/sections](http://www.arrl.org/sections)
- Find a license class in your area: [www.arrl.org/class](http://www.arrl.org/class)
- Find a license exam in your area: [www.arrl.org/exam](http://www.arrl.org/exam)
- Find a hamfest or convention: [Hamfests Calendar](#)
- ARRL Teachers Institute: [Teachers Institute](#)
- ARRL Learning Center: [Learning Center](#)

## **East Tennessee Affiliated Club Links**

***The following is a list of all the affiliated amateur radio clubs in the eastern half (my area) of TN.:***

American Legion Amateur Radio Club – Sevierville, TN. <https://www.legion.org/hamradio3>

Andrew Johnson Amateur Radio Club – Greenville, TN. <https://ajarc.org/>

Amateur Radio Club of the University of TN – Knoxville, TN.  
<https://www.utarc.org/p/home.html>

Big South Fork Amateur Radio Club – Huntsville, TN. <https://bsfarc.org/>

Bristol Amateur Radio Club – Bristol, TN. [www.facebook.com/groups/w4udbarc/](http://www.facebook.com/groups/w4udbarc/)

Campbell County Amateur Radio Club – Jonesboro, TN. [www.CCARClub.org](http://www.CCARClub.org)

Carter County Amateur Radio Association – Elizabethton, TN. <http://www.wr4cc.org>

Chattanooga Amateur Radio Club – Hixon, TN. <https://www.w4am.net/>

Cleveland Amateur Radio Club – Cleveland, TN. <http://www.carc.cc/>

Cumberland Plateau amateur Radio Club – Crossville, TN. <http://CPARC.net>

Dekalb-Cannon County Amateur Radio Club – Smithville, TN. <http://www.dccarc.org>

East Tennessee DX Association – Knoxville, TN. <http://www.etsdx.net>

Hawkins Hancock Amateur Radio Team, Inc. – Rogersville, TN.  
<https://www.facebook.com/groups/536078334756112/>

Johnson City Radio Association, Inc. - Jonesborough, TN. <https://jcara.org/wp/>

Johnson County Amateur Radio Club – Mountain City, TN. <https://www.w4mct.com/>

Kingsport Amateur Radio Club – Kingsport, TN. <http://w4trc.org>

Bays Mountain Radio Club – Kingsport, TN. <http://w4trc.org>

Lakeway Amateur Radio Club – Talbott, TN. <https://www.facebook.com/lakewayamateurradio/>

Macon Area Amateur Radio Society – Lafayette, TN. <http://MaconHamRadio.com>

Middle East Tennessee Emergency Radio SE – Knoxville, TN. <http://www.metersinc.org>

Oak Ridge Amateur Radio Club, Inc. - Oak Ridge, TN. <http://www.orarc.net>

Off-Grid AuxComm Radio Club – Knoxville, TN. <https://off-gridauxcommradioclub.com/>

Plateau Amateur Radio Club – Monroe, TN. <http://parcltn.com/>

Radio Amateur Radio Club of Knoxville – Knoxville, TN. <https://www.w4bbb.org/>

Rhea County Amateur Radio Club – Dayton, TN. <https://www.rheacountyarc.org/home>

Roane County Amateur Radio Club – Kingston, TN. <http://www.ke4rx.org>

Sevier County Amateur Radio Society – Sevierville, TN. <https://seviercountyars.com/>

Smoky Mountain Amateur Radio Club – Maryville, TN. <https://w4olb.org/about>

Tellico Lake Amateur Radio Club – Lenoir City, TN. <https://tlarc.org/>

Unicoi County Amateur Radio Association – Unicoi, TN. <http://www.ucara.org>

University of Tennessee Amateur Radio Club – Knoxville, TN. [utarc@utk.edu](mailto:utarc@utk.edu)

University Amateur Radio Club – Johnson City, TN. [info@etsu.edu](mailto:info@etsu.edu)

Wilson Amateur Radio Club – Lebanon, TN. <https://wilsonarc.org/>