



ARRL Affiliated Club Coordinator May 2025 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: [May 2025 News](#)

ARRL Digital Magazine Issues in April

QST Link: [May 2025 Issue](#)

On The Air Link: [May 2025 Issue](#)

QEX Link: [May/June 2025 Issue](#)

National Contest Journal Link: [May/June 2025 Issue](#)

Museum Ships On-the-Air Weekend Coming in June

If you like ships and are an amateur radio operator, 100 ships will be **on the air from June 7th - 8th** for the annual Museum Ships Weekend event. For more information on all the ships and call signs, go to: [Battleship New Jersey website](#).

Locally in TN, the Big South Fork Amateur Radio Club will be sponsoring an ‘On the Air Special Event Station’ for the Museum Ship Weekend. The special event station will be operating under the call sign of W4BSF at the U.S.S. BB43 Battleship World War II Memorial

Museum located on the Scott High School campus in Huntsville, TN from approximately 9:00am to 5:00pm Eastern time.

The Big South Fork Amateur Radio Club in cooperation with the Museum of Scott County will operate live from the museum. The club's members will be operating various amateur or ham radios and making contacts around the world as one of approximately 100 special event stations.

To receive a commemorative QSL card please include your Name, Call Sign, Date of Contact, the Band/Mode used for the contact and a self-addressed stamped envelope (No QSL required card) to Big South Fork Amateur Radio Club, Attn USS TN QSL, 2486 Leatherwood Road, Oneida TN 37841. Cards are expected to be sent out in late September 2025.

Johns Hopkins University to Hold ARRL Teachers Institute

A session of the ARRL Teachers Institute on Wireless Technology (TI) is being hosted this summer by the Johns Hopkins University Applied Physics Lab in Laurel, Maryland. This marks the first time a major research university has hosted the ARRL program.

The TI program is expanding significantly in 2025. Already, an institute was held on Staten Island, New York, to mark the first regional session. Sessions in Texas and the southeastern US are scheduled for the year as well.

Working with Johns Hopkins University is a result of ARRL Education and Learning Manager Steve Goodgame, K5ATA, exhibiting the program at the National Science Teachers Association conference in Philadelphia this past March. Representatives from the university saw Goodgame's presentation on the impact amateur radio can have on science, technology, engineering, and mathematics (STEM) curriculum. *"This is a huge win to have a name like Johns Hopkins interested in the work we are doing,"* said Goodgame. *"We are hoping to partner with them frequently to hold more sessions, license teachers, and inspire kids."*

Part of ARRL's mission is to inspire the next generation of radio amateurs, but the TI takes it further, Goodgame added. "This isn't just about getting a group of teens licensed – it's about making young people think about how radio and wireless technology impact our world and integrate into the industrial landscape of tomorrow."

The ARRL Teachers Institute on Wireless Technology is funded entirely by donations to the ARRL Education and Technology Fund. Learn more about the program at www.arrl.org/ti.

Plan Your Hamvention With The ARRL App

ARRL The National Association for Amateur Radio® announces that the free ARRL Events app for 2025 Dayton Hamvention® is live. Hamvention is the world's largest annual gathering of radio amateurs, and will be held May 16 – 18 in Xenia, Ohio. There is a lot to do and see. Use the ARRL Events app to make sure you don't miss a beat, and plan out your visit now. The app includes Hamvention's full program, so you can browse and schedule forums, preview the extensive list of exhibitors, and find affiliated events. During the event, attendees can use other app features to follow the hourly prize drawings populated by the Dayton Hamvention Prize Committee and browse building and site maps.

Those going are also encouraged to tap on the MyProfile icon in the app to add their name and call sign, email address, and any additional information they would like to share with other Hamvention guests. The MyBadge icon displays a QR code of your event badge that can be scanned by another attendee or exhibitor using the Scan Badge icon – instantly connecting shared contact information with other hams at the event.

The app is available for Apple and Android smart devices. You may also access the web browser version, which is optimized for nearly any browser or other type of mobile device. Download the app here: www.tripbuildermedia.com/apps/arrl (or use the web version). Tickets and information for Dayton Hamvention are available at hamvention.org.

Learn more about ARRL's participation at 2025 Dayton Hamvention at www.arrl.org/expo.

Simplex – Getting Back To Basics

Simplex communications in it's simplest terms is basic communications by one transmitter to a receiver without the use and enhancements that come with a repeater. It's a great tool in the comms arsenal when repeaters are not available. But did you know there's a ARRL affiliated club in TN that relies on just that very thing? Meet the Mount Juliet Simplex Society (MJSS), a unique approach to amateur radio.

MJSS, call sign KN4FKV on 146.415, was formed in 2014 and has been a successful club with no dues, no meeting attendance requirements, working on the emphasis on flexibility and accessibility. They hold nets twice weekly on 146.415 FM Wednesdays and Saturdays at 8:00PM Central. This allows hams to test their equipment and antennas in "real world" conditions without the use of repeaters. They have grown to around 195 members, many of which are ARRL members.

This unique club operates on the idea of K.I.S.S. (Keep It Simplex, Stupid!!) where repeaters need not power up. Simplex – Does it get any easier than that? No. If it's been a while since you last communicated using simplex maybe you should give it a try again. You might find it as freeing and refreshing as the members of MJSS.

For more information visit: MJSS. Or <https://146415.net/>

Two Solar Maximums? What?

This really isn't big breaking news. Researchers have long known that the two hemispheres of the sun are slightly out of sync each solar cycle. The north vs. south delay is called the "[Gnevyshev gap](#)." The Gnevyshev Gap is about a 2 year gap between the two hemisphere cycles every 11 years. Solar researchers have been studying the fluctuation of the sun for decades and there are some predictable cyclical events that are now being understood.

What is big news is that we may be in the midst of this occurrence in 2025 right now. Back in October of 2024 NASA and NOAA announced we are at Solar Maximum but only half of the sun got that official memo, the southern hemisphere. All the solar activity has been concentrated in the southern hemisphere. Now, the northern hemisphere is waking up and making itself known. So, if NASA and NOAA are right about the peaking in 2024 that could mean that by around October of 2026 we may see another peak of activity from the northern hemisphere.

Now, to completely overwhelm you with more solar info, there is a 100-70 year cycle called the Gleissberg Cycle. This cycle was discovered and has to do with the amplitude modulation of the 11 year cycles. So, where are we in this cycle you ask? It's believed that we are just coming out of the minimum of this 100-70 year cycle. What does that mean? Well, according to the research, there will be increasing sunspots and solar activity which will result in increasing strength of each coming 11 year cycle over the next few decades. Solar activity will peak around 35-50 years from now. So, young hams today can expect conditions to be more active each coming 11 year cycle and peaking during their retirement years!

Either way, we as hams should make the best of this cycle and stay radio active. All indications are that we have several more years left of cycle 25 and we should enjoy every band opening we can. Based on the science, we have a very "bright" future of solar activity ahead of us and for those young hams that come after us. So, let the Gleissberg Cycle begin!

73 and don't forget your sunscreen this summer!

Dudley KM4IYQ.

ARRL Exhibits and Forums Planned for 2025 Dayton Hamvention

ARRL welcomes members and all radio amateurs to visit us at the 2025 Dayton Hamvention®, May 16 —18 in Xenia, Ohio. The event features three days of fun activities, ham radio programming, and plenty of opportunities to engage with ARRL.

Saturday's ARRL Youth Rally will be a fun day of ham radio discovery and friendship for young people aged 11 to 21. Among the team leading the Youth Rally will be volunteers from the ARRL Collegiate Amateur Radio Program (CARP), who are also exhibiting and presenting at Hamvention.

In addition to the CARP forum, ARRL has many other exciting forums planned at Hamvention. Start off Friday with a surfside lesson on portable antennas with "Salty Walt" Hudson, K4OGO, of the popular Costal Waves and Wires YouTube channel. Salty Walt's forum is Friday, 10:15 AM – 11:15 AM, in room 3.

The ARRL Membership Forum is on Saturday.

There are many other great ARRL forums for you to attend. See the whole list at www.arrl.org/expo. You can also visit ARRL's large exhibit area in the Tesla Building. All the great things you expect from ARRL will be there, including a chance to get some ARRL merch

and publications, plus your free 2025 ARRL button. The ARRL VEC will be on site to help hams renew their licenses; you can visit with ARRL leaders face-to-face and learn about how to get involved in your local ham community (and much more).

You can also see the [ARRL Sweepstakes Icom Dream Station](#) on display.

You asked, we listened: The ever-popular on-site radio emissions testing by the ARRL Lab returns this year. Have your handheld tested to make sure the output is clean. Expert engineers will be on hand to do it right in front of you.

Find ticket information at www.hamvention.org. Download the ARRL Program Guide [PDF] which includes a map of the ARRL exhibit area.

Cars, Trucks, and Antennas – Headache?

Ok, you have a car, truck, or off-road vehicle and you want to install a UHF/VHF radio for two-way communications. Question is where do I mount it? Even worse, in today's modern vehicles the challenges are even greater with all the onboard tech built into the vehicles.

Well, before you get out the drill and make a hole in that new 2025 Camry of your wife's, you might want to consider your options! One screw-up here could have dire consequences. Every once in a while I run across an interesting article that addresses some of these issues and in a recent release of "On All Bands" (a DX Engineering amateur radio blog) I found some useful tips on mounting antennas on vehicles. Check it out at: [On All Bands](#).

From Affiliated Club to Special Service Club

What is a Special Service Club? An ARRL affiliated club that goes above and beyond for their communities and for Amateur Radio. This is what defines a Special Service Club (SSC). They are the leaders in their Amateur Radio communities who provide active training classes, publicity programs and actively pursue technical projects and operating activities. As an ARRL Special Service Club, you agree to meet the requirements and develop skills in the specified areas in accordance with the guidelines in the ARRL **Active Club On-Line Primer**.

The online primer is a compilation and update of the best of ARRL club ideas. Because the ARRL website contains hundreds of pages of current and frequently changing information, no static book can quite match it for information that active clubs need. This primer is loaded with helpful links and ideas galore to get your club enlivened! To access the primer click on the link: [On-Line Primer](#).

Have your club consider becoming more active and working toward becoming a SSC today. Your communities will really appreciate it.

“Radio Connects” - 2025 ARRL Field Day

ARRL FIELD DAY



www.arrl.org

ARRL The National Association for Amateur Radio® has released the logo and theme for this year's **ARRL Field Day, June 28 – 29, 2025.**

Improve Your Club's Message Fair Using the Radiogram Gateway!

Your club is planning to staff a table at a local community fair or event. Offer to send radiograms. Recruit volunteers to explain what a radiogram is and, later, send the messages. Who in your radio club is active on the traffic nets? How many members know the radiogram format or know how to send a radiogram message on the air? Fear not! Your club can put its best foot forward and hold an amateur radio message fair with minimal traffic-handling skills using an exciting new tool: the Radiogram Portal!

“It's not a problem if your club lacks an active traffic handler to check into the traffic nets,” says Phil Temples, K9HI, who chairs the ARRL EC-FSC NTS subcommittee. “You merely set up a laptop at your message fair using a Wi-Fi connection and allow members of the public to enter their own messages. Later, a skilled traffic handler in your area will pull the message off the portal and send it in a timely fashion.”

For more information on the Radiogram Portal, visit : <https://nts2.arrl.org/radiogram/>

And Don't Forget the Swag!

2025 ARRL Field Day Radio Connects merchandise is available for preorder from the ARRL Store. For more information about 2025 ARRL Field Day and the “Radio Connects” theme — or to start planning your activation. Go to : <https://www.arrl.org/field-day>

TN Hamfests/Conventions – Let's Go!

06/21/25 – Knoxville Hamfest & TN ARRL Convention – Knoxville, TN - <http://WWW.W4BBB.ORG>

07/19/25 – Greater Nashville & Middle Tennessee HamQuest – Lebanon, TN - <http://midtnhamquest.com>

07/19/25 – MCARC Hamfest – Athens, TN - <https://mcminnarc.com/>

08/23/25 – Cedars of Lebanon Hamfest – Lebanon, TN - <http://smrclub.com>

To search for all other ham fests go to: <https://www.arrl.org/hamfests/search>

Handy ARRL Links

- ARRL Home: 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
- Find your ARRL Section: www.arrl.org/sections
- Find a license class in your area: www.arrl.org/class
- Find a license exam in your area: 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/

Campbell County Amateur Radio Club – Jonesboro, TN. www.CCARClub.org

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

Chattanooga Amateur Radio Club – Hixson, 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

University Amateur Radio Club – Johnson City, TN. info@etsu.edu

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