



COLLINS AMATEUR RADIO CLUB

Richardson, Texas

SIGNALS

MONTHLY NEWSLETTER

Volume 47 Issue 01

Web Site <http://www.n5cxx.us>

October 2025

CARC Membership Meeting

Tuesday 28 October 2025 5:30 PM

The Meeting will be at

Woodcreek Church

3400 E. Renner Rd, Richardson TX

(and via Zoom)

**Workshop: Build you own
HamClock, led by
Mark Dempsky, N5MD**

- A display. The display can be a TV or a computer monitor.
- A 5V power supply with a Male Micro USB connector.
- A Video Cable. The Raspberry Pi Zero 2 W has a mini HDMI connector (not a micro HDMI connector.) The video cable needs to go from the Raspberry Pi Zero 2 W mini HDMI connector to whatever connector your display has.
- A keyboard and mouse.
- An adapter to connect the keyboard and mouse to the Raspberry Pi.
- The latitude, longitude, and grid square that HamClock will use for the DE location.

If you have the Raspberry Pi Zero 2W and the 32GB micro SD Card and don't want to haul the display, etc., back and forth, we'll be happy to help program the SD card and check out communications with one of our displays. HOWEVER, if you can bring out everything, we can help diagnose problems with your complete setup.

For those who have questions after the October Workshop, join us on the 1st and 3rd Tuesdays monthly at 7pm via Zoom for the CARC Elmer Night. That's a great place to share discoveries and ask questions. The Zoom login info is available on the n5cxx.us website under the monthly meeting announcement, and, is sent to members via email prior to each Elmer Night. **And if you have questions RIGHT NOW, contact N5MD via email at mark@dempsky.org**

Then, following the November Annual Meeting on November 18th, Mark will give a presentation on advanced topics related to HamClock and assist any who have brought their Clocks to the meeting for troubleshooting or setting up advanced features.

See page 5 for additional HamClock FAQs.

The next meeting of the Collins Amateur Radio Club takes place on Tuesday, October 28th, starting at 5:30pm at Woodcreek Church, 3400 E. Renner Rd., Richardson.

A brief business meeting will be held first, followed by a Workshop for members to assemble, test and provision their own HamClock. Even if you don't plan to assemble a HamClock at the meeting, you'll see what's needed and the steps to set one up.

Mark Dempsky N5MD will guide us through the assembly steps and help in "burning" the SD card and getting your initial configuration running. In order to have everything you need for construction of your HamClock, you will need the following:

- A Raspberry Pi Zero 2 W (Yes, HamClock can be built on a lot of different hardware but the meeting is focusing on building a HamClock on a Raspberry Pi Zero 2 W.)
- 32GB Micro SD card (other size SD cards can be used but the image we will be using at the meeting was made from a 32GB SD card.

CARC Christmas Party - Dec. 9th

See page 5 for details

CARC LEADERSHIP			
PRESIDENT		VICE-PRESIDENT	
Mike Montgomery	WD5TX	Vacant	
president@n5cxx.us		vp@n5cxx.us	
SECRETARY		TREASURER	
Jim Brown	AF5MA	Mark Dempsy	N5MD
secretary@n5cxx.us		treasurer@n5cxx.us	
ACTIVITIES CHAIRMAN		IMMED PAST PRESIDENT	
OPEN		Bill Swan	K5MWC
activities@n5cxx.us		Director@n5cxx.us	
STATION TRUSTEE		NEWSLETTER EDITOR	
Mike Montgomery	WD5TX	Jim Skinner	WB0UNI
trustee@n5cxx.us		newsletter@n5cxx.us	
MEMBERSHIP		WEBSITE MANAGER	
Bill Fell	KK5PB	Mike Hollingsworth	W5QH
membership@n5cxx.us		webmaster@n5cxx.us	

VE SESSIONS

The Northeast Metro ARRL License Testing Group will hold testing sessions on the **first** Monday each month (except holidays) at the Garland Amateur Radio clubhouse in downtown Garland TX, 1027B Austin St., Garland TX 75040 beginning August 2023. Time 6-8pm. All who want to test for an amateur radio license are welcome. You will need **photo ID, FRN from FCC and \$15.00 correct cash**. All forms, etc., will be provided by testing group. You can reserve a seat by calling Kerry Weeks at 214.478.3230 or email at weeks.kerry@gmail.com in advance of the test.

Dallas tests are held on the fourth Saturday of each month at 1000 hrs. 13350 Floyd Rd. (Old Credit Union) Contact Bob West, WA8YCD 972.917.6362

Irving tests are held on the third Saturday of each month at 0900. Fifth and Main St. Contact Bill Revis, KF5BL 252-8015

McKinney VE test sessions are held at the Heard Museum the first Sunday of the month. The address is 1 Nature Place, McKinney TX. The time of the testing is 1430, ending no later than 1645. **Note: no tests given on holiday week-ends.**

Garland in-person testing is held on the first Saturday of each month and begins at 1000 sharp. Location is Freeman Heights Baptist Church, 1120 N Garland Ave, Garland (between W Walnut and Buckingham Rd). Enter via the north driveway. A HUGE parking lot is located behind the church. Both the parking lot and the Fellowship Hall are located on

the east side of the church building, with big signs by the entrance door. Contact Janet Crenshaw, WB9ZPH at 972.302.9992. *** Online video testing via Zoom is, also, offered on the 1st & 3rd Thursdays at 1900. See <https://sites.google.com/site/wb9zph>. ***

Plano testing is on the third Saturday of each month, 1300 hrs at Williams High School, 1717 17th St. East Plano. Check Repeater 147.180+ for announcements.

Richardson The Richardson Wireless Klub (RWK) VE team hold license testing on the third Thursday of each month at St. Barnabas Presbyterian Church, 1220 West Beltline Rd. Testing begins at 1900 hrs in room 12. Enter through the Northern most door on the east side of the church building. For further information contact Don Klick KG5CK. 972.464.2889 or E-mail rwkhamtest@gmail.com.

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President's Message

Happy October, I hope everyone is well and looking forward to the fall weather ahead. I hope that the turnout for the Ham Clock build will be good. I am really looking forward to this build project. November is around the corner and with that will be elections. If you feel obliged to run for office, please let it be known.

Until next month,

Mike Montgomery
WD5TX

Vice-President's Report

As of October 1, 2025, the Collins Amateur Radio Club has 53 members, of which 39 are Full Members and 14 are Associate Members. December 31st is the end of the Club's fiscal year. Those members whose membership expires at the end of this year will soon receive an expiration reminder. **Please renew prior to January 1st.** The Club has limited income and relies on dues. The Board of Directors strives to minimize expenditures.

If you're curious about your dues status, you can check your expiration date at your account on hamclubonline.com. If you need help with HCOL, just send your request to vp@n5cxx.us

Next month's meeting is the Annual Meeting at which we review the past year, approve a budget for the coming year and elect officers to serve our membership in the year

ahead. A very small portion of our membership commits to serving in an elected role. We have been fortunate for some time to have individuals who are dedicated to the Collins Amateur Radio Club. An aging demographic, work and family obligations, and to some extent apathy, are influencing the level of involvement in Club leadership.

The current officers are "wearing out." We need others to help with Club leadership. Please consider your role in supporting our Club. A restructuring of CARC management may be necessary in order to accommodate the limited time and experience of new leaders; but, a team of new leadership can determine how they work together to administer Club business. **I adjure you to give serious thought to how you can contribute to the success of CARC.**

73, Frank KR1ZAN

Secretary's Report

23 September 2025

In the absence of President Mike Montgomery WD5TX and Vice President Bill Fell KK5PB, the meeting was called to order at 1732 by Secretary Jim Brown AF5MA. The meeting was in-person at our meeting site at Woodcreek Church in Richardson, with Zoom access available.

The following were present:

Jim Brown	AF5MA
Dennis Cobb	WA8ZBT
Wayne Collins	KI5YOQ
Joachin Cruz	KI5WZV
Chris Duprey	KD5IBA
Gene Duprey	K1GD
Frank Krizan	KR1ZAN
Mike Schmit	WA9WCC
Jim Skinner	WB0UNI
Kerry Weeks	K5WKS
Mike Wideman	KG5MCC
Tori Wideman	

Treasurer Mark Dempsky N5MD logged in via Zoom.

Officer and Committee Reports

The Vice President's and Secretary's reports were published in the September 2025 CARC Newsletter. The Treasurer's report is available on the Members Only page of the CARC website; it was presented in the meeting by Program Chairman Frank Krizan KR1ZAN since Treasurer Mark Dempsky N5MD was not on-site.

No clarifications or updates to these reports were offered at the meeting.

Old Business

There was no old business.

New Business

Vice President Bill Fell KK5PB has chosen to resign from his position, leaving the Club to elect a replacement to serve for the remainder of the current Club year. Frank Krizan volunteered to accept the post. A request for other nominations or volunteers did not secure any additional candidates. Presence of a quorum was verified, and the vote was unanimous in favor of Frank's election.

Announcements

Frank Krizan discussed the planned workshop for the October meeting to build a HamClock.



Frank Krizan announced the award by the CARC Board of an associate membership to Wayne Collins KI5YOQ for his outstanding support to the Club for all meetings at Woodcreek Church. Wayne was also given a CARC challenge coin.

Adjournment

The meeting was adjourned at 1756, followed by the annual Ice Cream Social.

Minutes of CARC Board of Directors Meeting

14 October 2025

The informal pre-meeting workshop began at 1902 via Zoom.

The following Board members logged into the meeting:

Frank Krizan KR1ZAN, Vice President

Jim Brown AF5MA, Secretary

Mark Dempsky N5MD, Treasurer

One non-voting CARC member was also logged in:

Wayne Collins KI5YOQ

The pre-meeting workshop was a general discussion covering a number of subjects. Topics discussed included:

ARRL Request for Letters of Support. Bills are pending in Congress to protect ham operators from interference by HOAs. The ARRL has requested letters of support for this legislation from ARRL-affiliated ham clubs. The Board has prepared the suggested letters of support to be submitted after approval of the CARC general membership. A motion to approve these letters will be voted by the Board in the formal meeting to follow this workshop.

WSPR Antenna Static / Surge Protection. The Board discussed provisions in place for protection and generally concluded that no further action was needed.

Revisions to CARC Constitution. The board reviewed proposed modifications to the current Club constitution and agreed informally to incorporate these changes into a new draft. This draft will be circulated among Board members by email for comments and revisions. Upon agreement on changes, the Board will vote by email to submit the revised constitution to the CARC general membership for approval at the October meeting.

Discussion of Club Goals for 2026. A general discussion revolved around goals for Club growth and accomplishments for the upcoming year. After informal agreement a motion was formulated to be voted in the formal meeting to follow.

Restructuring and Clarification of CARC Dues and Collection Process. A number of proposals for restructuring and possibly simplifying the annual dues collection process were discussed. Changes would include collection times, grace periods, clarification of eligible dependents, and other concerns. It was agreed that this process was sufficiently complex to justify development of a CARC Standing Order to define it. Frank Krizan KR1ZAN agreed to create a first draft of this document for discussion by the Board at their next meeting.

Formal Board Meeting. A formal Board meeting was declared at 2010 to address the two motions developed as part of the workshop discussed above.

Motion 1: It is moved that the Board prepare letters of support as requested by the ARRL for Congressional action to limit HOA interference with ham activities. Moved by Jim Brown AF5MA and seconded by Mark Dempsy M5MD; approved unanimously.

Motion 2: It is moved that the following be approved as the set of CARC goals for 2026:

- Increase paid membership to 40
- Conduct at least one Tech Licensing Class
- Get CARC repeater on D-STAR and AllStar

- Increase meeting attendance by 25%
- Re-vamp CARC website to make it more usable and inviting
- Dispose of obsolete and unwanted equipment
- Conduct more on-the-air activities

Moved by Jim Brown AF5MA and seconded by Mark Dempsy M5MD; approved unanimously.

Adjournment. The Board meeting was adjourned at 2011.

ICE CREAM SOCIAL

Everyone had a great time at the CARC Annual Ice Cream Social on Sept. 23rd. A brief business meeting was held prior to dishing up the delicious Blue Bell ice cream served by Scoop Master Kerry Weeks, K5WKS.

Frank Krizan, KR1ZAN, presented a brief show 'n tell on the HamClock Project which Club members are invited to build at the Workshop in October.



CARC Membership Now Open to Raytheon

The CARC Board of Directors determined at its July meeting that Full memberships will be extended to Raytheon employees and retirees. The CARC Constitution states this implicitly.

We invite all Raytheon employees, contractors, and retirees to join the Collins Amateur Radio Club by submitting a membership application, which can be found on the Club

website ([n5cxx.us](https://www.n5cxx.us)) or directly at:
[https://www.n5cxx.us/Club Membership Form.pdf](https://www.n5cxx.us/Club%20Membership%20Form.pdf)

All current members who may know Raytheon employees or retirees who are hams or interested in amateur radio should let them know about our Club and encourage them to join. New members get the remainder of 2025 and all of 2026 for one annual fee.

CARC Christmas Party - Dec. 9th

Mark your calendars now for the Collins ARC Christmas Party at Aboca's Italian Grill, 100 S Central Expy Unit 63, Richardson TX, on Tuesday, December 9th, at 5:30pm.

Seating begins at 5:30 and meal orders take place at 6 pm. As before, everyone orders off the regular menu and is responsible for their own tab and gratuity. Aboca's offers a full bar service, as well as setups for beer and wine BYOB. Checkout their menu at: <https://www.abocas.com>.



After dinner, we've got some good door prizes. Then stick around for more fellowship.

R.S.V.P. to kr1zan@arrl.org with names in your party, your email address and your mobile phone number.

Pass The Bill: Have You Sent Your Letters?

ARRL's push to pass the bill has great momentum, but we need **EVERY** radio amateur in the United States to send their letters.

Your participation can make the difference in passing this legislation. Membership in the ARRL is NOT required.

It only takes seconds. If you're a licensed ham in the US, go to <https://send-a-letter.org/hoa/>, enter your call sign, validate your address, and click the red SEND MY LETTERS button. It really is that easy!

In less time than it takes to make a single QSO, your letters will tell Congress to remove the legal restraints on hams living in restrictive HOAs to put up an antenna.

Follow the link at <https://send-a-letter.org/hoa/> to send your letter now!

What it is:

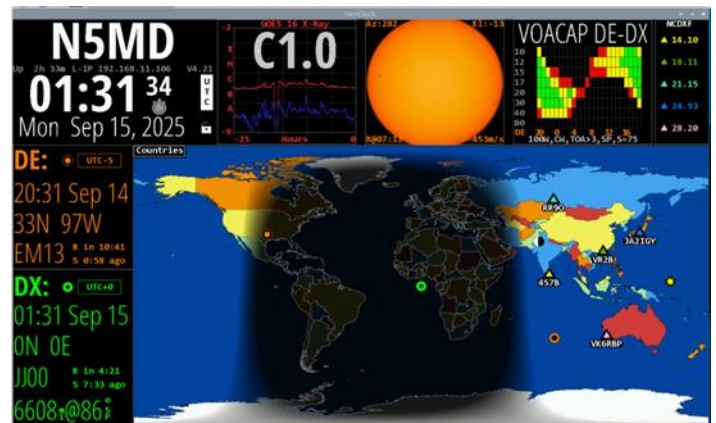
The Amateur Radio Emergency Preparedness Act (see ARRL News 02/07/2025) is a pair of bipartisan bills - H.R.1094 in the House and S.459 in the Senate — which

are designed to prevent restrictive homeowners' association (HOA) rules that currently prohibit or severely limit the installation of amateur radio antennas, even when such antennas are hidden in trees, placed in attics, mounted on vehicles, or look like flagpoles.



Do It Now

The HamClock Project



We hope you'll consider building a HamClock. It's got a lot of useful features for hams and is a great conversation piece.

FAQ: Getting Ready for the HamClock Build

The HamClock build meeting is coming up and I'm sure you have questions about what you need to do to be ready for the build. The following are answers to a number of the questions you may be having.

I'm still not sure if I want to build a HamClock. Where can I get more information on it?

The best place to go is the HamClock website (<https://www.clearskyinstitute.com/ham/HamClock/>). Not only does it give information on HamClock, it also has a HamClock demo and a link to a QST article.

Don't I need a case?

To clean up your HamClock build, you will probably want to mount your Raspberry Pi or put it in a case, but this isn't necessary for the build meeting.

Do I need a Raspberry Pi 2 W with a header?

No, you do not need a Raspberry Pi 2 W with a header. The header does make it easier to add external components if you choose to expand your HamClock, however, you can also solder wires directly to the Raspberry Pi's header holes. You can also add a header later.

How hard is it to build the HamClock software?

While it isn't that difficult, it does take some time to compile the software. To speed things up during the build meeting, an image will be available that has the HamClock software already installed. The username has been set to hamclock with the password set to hamclock. It has also been configured to connect to the hotspot that will be used at the meeting.

I thought I didn't need a power supply.

If your display is a TV with a USB port, and the USB port can provide enough power (which it probably can), you can power your Raspberry Pi from the TV's USB port. You will still need a cable to connect the TV's USB port to the Raspberry Pi's Micro USB power connector. We will have a meter at the meeting to check if your TV's USB port is providing enough power for your HamClock.

I thought I didn't need a keyboard or mouse.

Once you have your HamClock setup and if you use a remote connection to control your HamClock, you may find that you don't need to have a keyboard and mouse connected to your HamClock. However, to use a remote connection, your HamClock needs to be connected to your network. You need a keyboard and mouse connected to your HamClock to setup the network connection.

What type of keyboard and mouse adapter do I need?

This depends on your keyboard and mouse. If you have a keyboard and mouse that share a Micro USB connector, you don't need an adapter. If you have a keyboard and mouse that share a Type A USB connector, you need a Micro USB Male to Type A USB Female adapter (https://www.amazon.com/dp/B0DSFQLXL5?ref=ppx_yo2ov_dt_b_fed_asin_title&th=1). If your keyboard and mouse have separate connectors, you need to Micro USB Male to Dual Type A USB Female adapter (https://www.amazon.com/dp/B0DSFQLXL5?ref=ppx_yo2ov_dt_b_fed_asin_title&th=1). Yes, it is the same link. Both adapters are offered on same page.

What if I can't get everything by the build meeting?

We will have some spare items available to borrow during the meeting, but you won't be able to leave the meeting with a completed HamClock. Technically the only thing you need to bring is an SD card.

I thought I needed to bring a laptop.

If you bring your own laptop, you will be able to burn your SD card. You may also be able to try out remotely connecting to your HamClock.

What if I don't have the latitude, longitude, and grid square information?

You can use estimated values at first. These values can be updated at any time.

If the HamClock image I use at the meeting connects to the local hotspot, how do I connect it to my home Wi-Fi?

During the meeting we will show you the steps to connect to your home Wi-Fi.

Can I play with my HamClock between the build meeting and the demonstration meeting?

By all means, get to know your HamClock. The demonstrations will then be easier to understand. Feel free to also read the documentation. It is available on the HamClock website and the image also has a copy of the documentation on the Raspberry Pi's desktop.

My question isn't listed

Contact me at mark@dempsky.org



Each week on the Collins Amateur Radio Club's Drive Home Net (Tuesdays at 5:30pm on the N5CXX UHF Repeater), we suggest a "Core Topic" to stimulate discussion. Even though any topic of interest to hams is invited, sometimes there's little to discuss, so the Core Topic gives us all an opportunity to speak up. Here's a collection of responses to Core Topics in the past month. We invite all our members to take a break from 5:30 to 6pm on Tuesdays and join in to share your thoughts.

9/30/2025

Core Topic: What type of feed-line do you have between your rig(s) and antenna(s)? And why?

Responses included: RG213 main feedline to balun and then via open-line to antenna; RG213, Helix, 9913, RG-8X, various kinds of coax, some RG-8, RG-58, LMR-400,

LMR-240 very flexible for POTA activities and RG-58 for everything because of short runs.

10/7/2025

Core Topic: What are your thoughts about displaying amateur radio license plates on your car? To a person, everyone on the net was supportive of displaying ham plates. Comments included that ham plates are useful for being identified when volunteering for public/emergency service; that it's easier to remember your license plate number when checking into hotels; good way to promote amateur radio (many people ask what the Radio Operator is all about). It was pointed out that Radio Operator plates can be displayed on multiple vehicles, and that there's no longer a charge for applying or renewing - other than the normal vehicle registration.

10/14/2025

Core Topic: Have you ever participated or talked on 2M SSB?

Responses were mixed. Those who said YES indicated that they haven't been on 2M SSB recently. The NOs were related to lack of SSB equipment. Several ops have participated in North Texas Nets that range from OK to STX. One person described operating from a mountain top and achieving significant distance. More activity on Nets and VHF Contest weekends.

10/21/2025

Core Topic: Do you think that POTA will one day replace Field Day?

The general consensus was NO. POTA is a more relaxed endeavor and focuses more on individual activations for a short duration; whereas, Field Day is spread continuously over two days and is a measure of emergency preparedness. Several people commented on how Field Day is especially difficult in the South in June due to the heat. The two events (POTA and Field Day) somewhat complement each other in that they stress operating skills as well as portable setup.

And, here are the Net Logs for the fifth Tuesday of September and all Tuesdays in October:

SEP 30 - [6] K5MWC Bill NCS; K5WKS Kerry; WB0UNI Jim; KR1ZAN Frank; KI5PGM Travis; WA5TCA Jeff.

OCT 7 - [5] KR1ZAN Frank NCS; WA5TCA/m Jeff; K5WKS Kerry; WB0UNI Jim; KI5YOQ Wayne.

OCT 14 - [8] K5WKS Kerry NCS; K5MDK/m Michael; KR1ZAN Frank; KI5VKQ Derrick; WB0UNI Jim; N5MD Mark; KI5YOQ Wayne; KI5SSW/m Michael.

OCT 21 - [7] K5MWC Bill NCS; WB0UNI Jim; KR1ZAN Frank; KI5SSW/m Michael; K5WKS Kerry; N5REG/m Robert; KG5MCC Mike.

Complete logs for 2023, 2024 and 2025 are available on the n5cxx.us website.

CARC Community Service Activities

Siren Testing Dennis Cobb WA8ZBT and Jim Skinner WB0UNI participate in the Richardson outdoor warning siren testing. The October 2025 test was conducted on 1 October. All but one of twenty-six sirens were fully functional. The sirens are monitored by amateur radio operators and reports made using the Richardson Wireless Klub (RWK) repeater at 147.120 MHz. Siren testing occasionally uses the University of Texas at Dallas (UTD) repeater at 145.430 MHz, as backup.

Crime Watch Patrol Jim Skinner WB0UNI participates in Richardson Duck Creek Crime Watch Patrol (CWP). CWP members, after successful completion of Richardson Police Department training, patrol their neighborhoods and report all suspicious activities to the police department.

The 'RG' in Coaxial Cables

"RG" stands for Radio Guide, and was part of a US military standardization system to classify and categorize various types of coaxial cables. While the "Radio Guide" designation itself is obsolete in military specifications, the prefixes have stuck.

The number after "RG" indicated the specific military specification that the cable met, detailing its impedance, conductor size, dielectric material, and shielding. While commercial manufacturers might not strictly adhere to the original military specs, the numbering system still provides a useful shorthand for understanding a cable's general properties.

A few popular examples:

RG-6: 75-ohm impedance, less loss, a thicker center conductor, better insulation and better shielding than older RG-59.

RG-58: 50-ohm impedance, more flexible and smaller in diameter than RG-213. Suitable for short runs such as in mobile stations.

RG-174: miniature 50-ohm, significantly thinner and more flexible than RG-58 but higher loss. Good for internal wiring in electronic devices, short patch cables, and extremely limited space.

RG-8 and RG-213: thick, low-loss cables often used for VHF (Very High Frequency) applications. RG-213 is a military-spec version of RG-8 with a non-contaminating PVC (poly vinyl chloride) jacket. Standard PVC can sometimes contain plasticizers that are known to migrate. A "non-contaminating PVC" jacket is formulated specifically to prevent

this chemical migration, ensuring the long-term stability and performance of the cable's dielectric.

RG-213: 50-ohm, heavy-duty, low-loss coaxial cable for HF and VHF frequencies. Has a solid center conductor, a thick dielectric, and a braided shield, for good power handling and relatively low signal loss suitable for outdoors.

RG-8x: a smaller, more flexible alternative to RG-213 with reduced size and bend radius. Commonly found in mobile and portable stations.

LMR-400-UF: While not an "RG" cable, "LMR" stands for "Low Loss Microcellular Foam." The "400" indicates its size (same as RG-213), and "UF" often signifies "UltraFlex." Very low-loss performance, especially at higher frequencies (like those used in Wi-Fi, cellular, and UHF radio). They achieve this through a specialized foam dielectric and often multiple layers of shielding, making them ideal for longer runs where signal integrity is paramount.

[This article used with implied permission of the October 2025 edition of SIGNALS, the newsletter of the Collins Amateur Radio Club of Cedar Rapids, IA; author unknown; editor: George Cooley NG7A]

LOOKING AHEAD

Here are the meetings we have lined up for 2025. We'd like to offer programs and projects that interest our members, so please send your ideas to frank@krizan.org.

We're now following our new meeting schema of a presentation on a topic/project at the first meeting of the quarter, then an Elmer Night and Workshop to build the project or help with troubleshooting, followed by a Family Dinner or Social Activity. Based on the recent Meeting Format and Member Interest Survey, our meeting schema will be adjusted somewhat. If you have a topic you would like to present or be considered for a presentation or workshop, please let a Club officer know.

Here's the calendar for the remainder of 2025:

Nov 18 - Annual Meeting/Elections/HamClock Demonstration of Advanced Capabilities

Dec 9 - CARC Christmas Dinner - Aboca's Italian Grill, Richardson

2026

Jan 27 - Annual Show 'n Tell Night

Elmer Night

The Club's new quarterly meeting format, which includes a night to construct personal projects, doesn't provide sufficient time for troubleshooting, discussing issues, trying new things ... so, we've added something new to help those working on Club projects and for all members who may seek a place to ask questions or share interesting info related to amateur radio.

We call this "Elmer Night" and they take place via Zoom using the standard Zoom login that is available on the n5cxx.us website via a link just below the meeting announcement. Elmer Nights are the first and third Tuesdays of each month, starting at 7pm. Sessions tend to run from one hour to about an hour-and-a-half.

The primary focus is info related to the current project, followed by previous project issues or questions and then general amateur radio questions and findings.

We hope you'll consider joining us even if you're not currently working on a Club project. You may be the person with a solution to someone's question or problem.

**Join Us On Tuesdays
for the Collins ARC
Drive Home Net
5:30pm 441.875 MHz
+5MHz, PL=131.8Hz
(No Nets on Meeting Nights)**

Logs now available on n5cxx.us website

Need another Badge or Coffee Mug?



Order from The Sign Man of Baton Rouge at:
<https://www.thesignman.com/clubs/collinsarccart.html>

Upcoming Events

	DFW Early Traffic Net (NTS) at 6:30pm 146.88 – PL 110.9Hz
Daily	DFW Late Traffic Net (NTS) at 10:30pm 146.72 – PL 110.9Hz
Daily	Texas CW Traffic Net at 7:00pm on 7106 KHz and at 10pm on 3541 KHz www.k6jt.com
Tuesdays	Collins ARC Drive Home Net. 441.875 (+5) MHz, PL=131.8 Hz (N5CXX repeater), 5:30-6:00pm (no net 4 th Tuesday.)
1st Wednesday	Richardson Emergency Siren Test. At noon using the Richardson Wireless Klub (RWK) repeater at 147.120 MHz.
2nd Wednesday	ARES North Texas HF Net Every month—3860 KHz at 8:30 pm—9:30pm

OCTOBER

20-24 **School Club Roundup**—Objective: To exchange QSO information with club stations that are part of an elementary, middle, high school or college. A station may operate no more than 6 hours in a 24-hour period, and a maximum of 24 hours of the 107 hour event. Details at <http://www.arrl.org/school-club-roundup>

NOVEMBER

1-3 **Nov. Sweepstakes – CW**—Stations in the U S and Canada exchange QSONovemberSweepstakesLogo.jpg information with as many other US and Canadian stations as possible on 160, 80, 40, 20, 15 and 10 meter bands.. Details at <http://www.arrl.org/sweepstakes>.

8-9 **EME - 50 to 1296 MHz**—Work as many amateur stations as possible via earth-moon-earth path on authorized frequencies above 50 MHz. 0000 UTC Saturday through 2359 UTC Sunday). Details at <http://www.arrl.org/eme-contest>.

15-17 **Nov. Sweepstakes – Phone**—Stations in the US and Canada exchange QSONovemberSweepstakesLogo.jpg information with as many other US and Canadian stations as possible. Details at <http://www.arrl.org/sweepstakes>

29-30 **CQWW-CW**— The CQ WW is the largest Amateur Radio competition in the world. Over 35,000 participants take to the airwaves on the last weekend of November (CW) with the goal of making as many contacts with as many different DXCC entities and CQ Zones as possible. Details at <https://cqww.com/>.



ARRL Student Membership

Free Student Membership
 (aged 21 years or younger*)
FREE

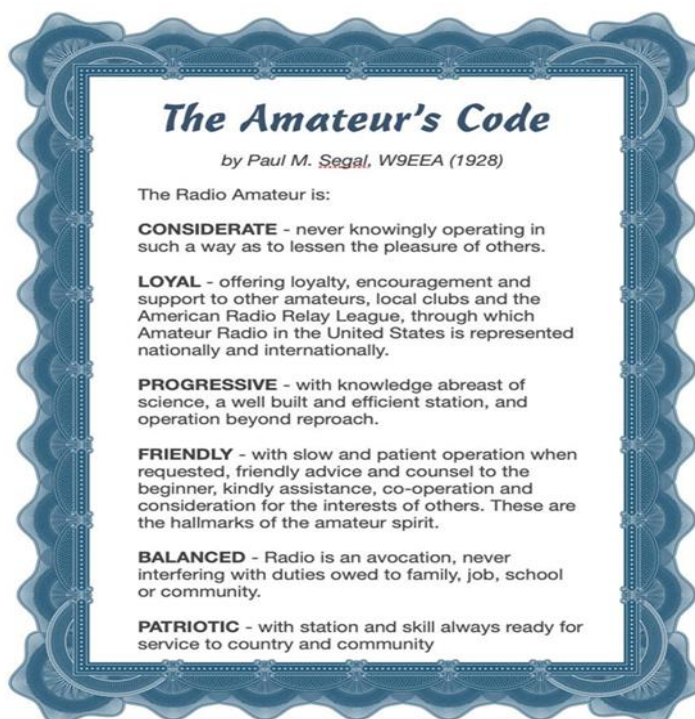
Join Now



www.arrl.org/join


ARRL
The National Association for Amateur Radio®

*Additional restrictions apply.



CDXA Periodic Table of Contests - 2025

January	February	March	April	May	June	July	August	September	October	November	December
4 R RTTY Roundup 1800	1 CSRD VT QSO Party 0000	1 S ARRL DX - SSB 0000	5 CSRD LA QSO Party 1400	3 CSRD 7th Area QSO Party 1300	7 CSRD KY QSO Party 1300	1 CS RAC Canada Day 0000	2 C NAQP - CW 1800	6 C CWops Open 0000	4 CS CA QSO Party 1600	1 C Sweepstakes - CW 2100	5 CS ARRL - 160M 2200
11 C NAQP - CW 1800	1 CSRD MN QSO Party 1400	8 CSRD OK QSO Party 1400	12 CSRD NM QSO Party 1400	3 CS IN QSO Party 1600	7 D ARRL - INT. Digi 1800	12 CS IARU 1200	9 C WAE DX - CW 0000	7 CSRD TN QSO Party 1700	11 R Makrothen - RTTY 0000	8 R WAE DX - RTTY 0000	6 D FT Challenge 1800
18 S NAQP - SSB 1800	1 CSRD BC QSO Party 1600	8 C Stew Perry TBC 1500	12 CS GA QSO Party 1800	3 CSRD DE QSO Party 1700	14 CSRD ARRL - VHF 1800	19 CSRD CQWW - VHF 1800	9 CSR MDC QSO Party 1400	13 S WAE DX - SSB 0000	11 CSRD NV QSO Party 0300	15 S Sweepstakes SSB 2100	13 CS ARRL - 10M 0000
20 CSRD ARRL - VHF 1900	2 C NA Sprint - CW 0000	8 CSRD ID QSO Party 1900	19 CSRD MI QSO Party 1600	3 CSRD New England QSO Party 2000	21 C Stew Perry TBC 1500	19 R NAQP - RTTY 1800	16 S NAQP - SSB 1800	13 CSRD ARRL - VHF 1800	11 CSR AZ QSO Party 1500	22 C CQWW - CW 0000	27 CS RAC Winter 0000
24 C CQ - 160M CW 2200	8 R CQWW WPX - RTTY 0000	9 R NA Sprint - RTTY 0000	19 R CQMM DX 0900	10 CS CQM DX 1200	21 CSRD WV QSO Party 1600	26 CS RSGB IOTA 1200	23 CSRD HI QSO Party 0400	14 C NA Sprint - CW 0000	11 CSRD PA QSO Party 1600	All C K1USN Test 0000	27 C Stew Perry TBC 1900
25 R BARTG RTTY Sprint 1200	15 C ARRL DX - CW 0000	9 CSRD WI QSO Party 1800	18 CS ON QSO Party 1800	17 CSR AR QSO Party 1400	All C K1USN Test 0000	All C K1USN Test 0000	23 CS OH QSO Party 1600	20 C SAC - CW 1200	11 CSRD SD QSO Party 1800	All C IWC Test 1300	All C K1USN Test 0000
All C K1USN Test 0000	21 S CQ - 160M SSB 2200	15 R BARTG RTTY 0200	20 CS QC QSO Party 1200	24 C CQWW WPX - CW 0000	All C IWC Test 1300	All C IWC Test 1300	30 D WW Digi DX 1200	20 CS NJ QSO Party 1400	18 CSRD NY QSO Party 1400		All C IWC Test 1300
All C IWC Test 1300	22 CSRD SC QSO Party 1500	15 CSRD VA QSO Party 1800	26 CS FL QSO Party 1600	All C K1USN Test 0000			30 CSRD KS QSO Party 1400	20 CSRD TX QSO Party 1400	18 CS Worked All Germany 1500		
	22 R NAQP - RTTY 1800	23 R NA Sprint - SSB 0000	All C K1USN Test 0000	All C IWC Test 1300			Mondays C K1USN Test 0000	20 CSRD NH QSO Party 1600	18 C Stew Perry TBC 1500		
	23 CSRD NC QSO Party 1500	29 S CQWW WPX - SSB 0000	All C IWC Test 1300				All C IWC Test 1300	20 CSRD WA Salmon Run 1600	19 CSRD IL QSO Party 1700		
	All C K1USN Test 0000	All C K1USN Test 2000						21 R NA Sprint - RTTY 0000	25 S CQWW - SSB 0000		
	All C IWC Test 1300	All C IWC Test 1300						27 R CQWW - RTTY 0000	All C K1USN Test 0000		
								27 CS ME QSO Party 1200	All C IWC Test 1300		
								All C K1USN Test 0000			
								IWC Test 1300			

LEGEND

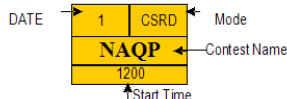
GOLD = Major Contest= 10 points

Blue = QSO Party = 7 points

Pink = DX Contest = 5 points

C = CW S = SSB

R = RTTY D = Digital





Richardson, Texas
www.N5CXX.us

**3200 E Renner Rd
Mail Station 461-290
Richardson, TX 75082**

TO:

N5CXX D-STAR SETTINGS:

441.875 MHz, PLUS OFFSET (5 MHz) -- DR mode
Set for Local Mode -- CQCQCQ
Set RPT1 as N5CXX.B (replace periods with spaces)
RPT2 is NOT USED; some radios or software require something in this field, so use N5CXX.B or N5CXX.G (again, replace the periods with spaces)

The N5CXX D-STAR repeater operates only in local mode at this time. There is no Gateway. We hope to have a connection to the D-STAR network in early 2025.

The N5CXX Repeater is Mixed Mode. The incoming Mode determines if FM Analog or D-STAR.

CLUB STATION PHONE

TBD

N5CXX REPEATER

441.875 MHz +5 MHz Input
131.8 Hz PL - RX and TX

N5CXX-1 PACKET BBS COL Node

145.05 MHz

N5CXX-N1, N5CXX-N2 & N5CXX-N3 HSMM-MESHNET Nodes 2.4 GHz

Membership Meeting

Tuesday 28 October 2025 5:30 PM

THE MEETING WILL BE AT

Woodcreek Church Richardson TX

NEXT SIGNALS INPUTS DEADLINE:

→→→ 08 November 2025 ←←←