COLLINS AMATEUR RADIO CLUB
Richardson, Texas

SIGNALS
MONTHLY NEWSLETTER

Volume 46 Issue 11 **Web Site** http://www.n5cxx.us **August 2025**

CARC
Membership Meeting

Tuesday 26 August 2025 5:30 PM

The Meeting will be at

Woodcreek Church

3400 E. Renner Rd, Richardson TX

(and via Zoom)

Program: End Fed Antenna

Project Antenna Assembly Workshop

CARC August Meeting

This month's meeting of the Collins Amateur Radio Club will be held on Tuesday, August 26, 2025, at Woodcreek Church, 3400 E. Renner Rd., Richardson, beginning at 5:30pm. The business meeting will be streamed via Zoom (connection instructions are emailed to members and are available on the CARC website n5cxx.us).

A brief business meeting will be held followed by the quarterly Workshop/Elmer Night. This month features construction of a 40 thru 10 Meter End Fed Half Wave (EFHW) antenna, which was described at the July meeting by Mike Wideman, KG5MCC. Mike will coordinate the assembly of the antenna from kits purchased by several of our members. Ten kits were made available and, due to one person having to drop out, we still have one kit available for sale at $40.

Because construction may take a bit longer than we have at Tuesday night's meeting, we have planned an additional workshop on Saturday, August 30th from Noon to 5pm at Woodcreek Church. This allows for some flexibility for those whose weekends get busy and for testing and tune-up of the antennas. The Zoom connection will remain up during the kit assembly on Tuesday, but there won't be much in the way of Q&A during that time. No Zoom will be up on Saturday.

July Meeting Recap

The July meeting of the Collins Amateur Radio Club was held at Woodcreek Church in Richardson on Tuesday, July 22nd. Following a short business meeting, Mike Wideman KG5MCC gave a presentation on construction of a 40-10M End Fed Half Wave Antenna. Members of CARC have been invited to build one of these antennas. Mike described the assembly process and discussed performance reports of several local hams who have built this antenna. It's especially suited for POTA (Parks On The Air) and other portable operations.

(Continued on page 4)

CARC LEADERSHIP

PRESIDENT		VICE-PRESIDENT	
Mike Montgomery	WD5TX	Bill Fell	KK5PB
president@n5cxx.us		vp@n5cxx.us	
SECRETARY		**TREASURER**	
Jim Brown	AF5MA	Mark Dempsky	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 weekends.***

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.

President's Message

First of all, thank you to everyone who supports the club in one fashion or another, from the newsletter to activities and nets to board meetings. All the work does not go unnoticed. These past few months have been hectic for me, both work and personal. I was on travel for six weeks and then took my son to college out of state, and we are preparing to move in November. I'm back and doing my best to get caught up on everything. End of the year is approaching fast, and elections for officers will be taking place. Consider running for office if you have the availability.

Until next month,

Mike Montgomery
WD5TX

Vice-President's Report

No changes from last month. See **MEMBERSHIP REPORT** on page 4.

73, Bill, KK5PB

Secretary's Report

22 July 2025

In the absence of President Mike Montgomery WD5TX and Vice President Bill Fell KK5PB, Secretary Jim Brown AF5MA called the meeting to order at 1737. 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
Wayne Collins	KI5YOQ
Mark Dempsky	N5MD
Gene Duprey	K1GD
Frank Krizan	KR1ZAN
Clarence Sebesta	K5YO
Jim Skinner	WB0UNI
Aniruth Vishnupriyan	KJ5LKO
Mike Wideman	KG5MCC
Milt Withers	AD5XD

One member logged in via Zoom:

John Galvin	N5TIM

Recognition of Members Present, New Members and Guests

All members and guests present were asked to introduce themselves.

The Club recognized one new member, Aniruth Vishnupriyan KJ5LKO.

Officer and Committee Reports

The Vice President's and Secretary's reports were published in the July 2025 CARC Newsletter; the Treasurer's report is available on the Members Only page of the CARC website and was presented in the meeting by Treasurer Mark Dempsky N5MD. No clarifications or updates to these reports were offered at the meeting.

Old Business

There was no old business.

New Business

There was no new business.

Announcements

Frank Krizan KR1ZAN presented a First Contact Certificate to Aniruth "Ani" Vishnupriyan KJ5LKO in recognition of Ani's first two-way radio contact. Ani earned his Tech license in May and advanced to Extra by mid-July. He is our newest member and enjoys learning everything he can about amateur radio. Ani is studying Aerospace Engineering at Texas A&M and is an engineering intern at Collins Aerospace.

Adjournment

The meeting was adjourned at 1746, followed by a program by Mike Wideman KG5MCC detailing construction of an end fed, half wave (EFHW) antenna.

Minutes of CARC Board of Directors Meeting

12 August 2025

The informal pre-meeting workshop began at 1900 via Zoom.

The following Board members logged into the meeting:

Jim Brown AF5MA, Secretary

Mark Dempsky N5MD, Treasurer

Two non-voting CARC members also logged in:

John Galvin N5TIM

Frank Krizan KR1ZAN

Since quorum requirements were not met due to the absence of the President and Vice President, no official actions could be taken, but discussions addressed a number of topics to be resolved at future meetings. Topics discussed included:

Review of CARC Transition Package for New Officers. The Board developed a guide for new Club officers last year to assure that essential ongoing tasks would be captured in one document and not be overlooked over time. Board members were encouraged to review the document on the CARC website and provide updates as needed. This process will continue and updates processed as available.

Review of CARC Constitution. Jim Brown AF5MA distributed a new draft of the CARC Constitution for consideration. Informal discussion generally supported the minor revisions proposed. One proposal would redefine a quorum of the Board as "three directors," rather than "three officers," thus allowing the Immediate Past President to be included in the required count.

It was suggested that a section be added to address the sale of Club assets as needed; Jim Brown will add this for review at the next Board meeting.

The final revisions, when formally approved by the Board, will be presented to the general membership for approval at the November meeting.

Overview of Upcoming Meetings. Program Chairman Frank Krizan KR1ZAN summarized plans for future activities for the assembly and testing of 40-10M EFHW antenna kits; details will be communicated to members participating via email.

Formal Board Meeting. In the absence of a quorum, no formal Board meeting was called.

Adjournment. The informal workshop was adjourned at 2004.

July Meeting Recap

(Continued from page 1)

Ten kits have been claimed by members and construction will be held at the August 26th meeting under the direction of Mike KG5MCC. Following Mike's presentation, Frank Krizan KR1ZAN presented a CARC Challenge Coin to Mike as a token of appreciation for his excellent program.

At the meeting, Frank presented a First Radio Contact certificate to our newest member, Aniruth "Ani" Vishnupriyan, KJ5LKO. Frank was honored to have been Ani's first on-the-air contact. Ani is an engineering intern at Collins Aerospace and attends Texas A&M in College Station. He was first licensed in May of this year and advanced to Extra in July. He thinks ham radio is "very cool".

Membership Report

As of August 1st, membership in the Collins Amateur Radio Club has continued steady with 56 active members; 42 are Full Members and 14 are Associate Members.

We have 12 members who are employees of Collins Aerospace. Twenty-nine of our members are retirees of Collins Radio or affiliated Divisions of Collins. The remaining 15 consist of spouses, dependents or general public.

We can always use more members. The July CARC Board of Directors determined that membership should be open to employees and retirees of Raytheon divisions. Please promote our Club to Collins and Raytheon employees and retirees that you know and point them to our website, n5cxx.us. A membership application is available on the website or via this direct link: https://www.n5cxx.us/Club Membership Form.pdf

CARC Community Service Activities

Siren Testing Dennis Cobb WA8ZBT and Jim Skinner WB0UNI participate in the Richardson outdoor warning siren testing. The August 2025 test was conducted on 6 August. Only one of twenty-six sirens was functional. A retest was scheduled for 20 August but was cancelled due to cloudy weather 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.

ARRL Radio Museums

[The following article is reprinted with implied permission of the ARRL for use by ARRL Affiliated Clubs]

There's a new resource from ARRL documenting the history of ham radio. Radio Alpha is the ARRL® Museum and Research Library. It is available for viewing at www.arrl.org/museum. Radio Alpha is envisioned as a Wikipedia-like project, administered by a trusted group of volunteers.

It aims to serve as a definitive repository of information, offering detailed descriptions and contextual data on pivotal figures, influential organizations, pioneering companies, transformative inventions, and iconic equipment that have shaped the amateur radio landscape. Radio Alpha addresses the critical need for a centralized, reliable, and easily navigable archive of amateur radio's past.

Recognizing the fragmented nature of existing historical data, this database will consolidate diverse information sources into a single, cohesive platform. Users will find meticulously researched entries, cross-referenced to provide a holistic understanding of the connections and evolutions within the hobby. A core principle of Radio Alpha is universal accessibility. Therefore, the database will be entirely free to access, ensuring that researchers, historians, enthusiasts, and the public can explore its contents without barriers.

Noted author, industrial archeologist, and historian Chuck Penson, WA7ZZE, is the principal architect who crafted the collection. Penson has published several books about the history of Heathkit and the Titan II missile. For him, it's a labor of love and necessity. "Somebody has to do this," said Penson. "Lots of people are doing it independently on their own – here's a website about the equipment I own, and here's some documents I scanned – there's a lot of that." The lack of a central location to compile those collections is the root of Radio Alpha. Penson hopes the research library will preserve the data long after individual contributors have passed away.

The platform is committed to being free of advertising, spam, and clickbait, prioritizing the integrity of its historical content and providing an uncluttered user experience. "This database will be a living resource, regularly updated and expanded through ongoing research and community contributions, fostering a deeper appreciation and understanding of amateur radio's profound impact on communication, technology, and society," wrote Penson.

Radio Alpha seeks contributors and volunteers to help develop the content. Hams who have a passion for the history of radio, experience in writing, or extensive knowledge about a particular brand or mode of amateur radio are encouraged to volunteer. The museum also seeks materials that may help grow the collection. Those interested may reach out to Penson at radioalpha@arrl.org.

Penson hopes the data will be preserved forever. "ARRL has an organizational structure that allows it to take a long view on stuff like this. It is best equipped to handle a project like Radio Alpha."

Radio Alpha, the ARRL Museum and Research Library, may be enjoyed at www.arrl.org/radioalpha or www.arrl.org/museum.

[Source: ARRL Web News, Aug. 1, 2025]

[Editor's Note] In addition, while you're enjoying all the resources at Radio Alpha, take a peek at the ARRL Heritage Museum, https://www.arrl.org/arrl-heritage-museum

The ARRL Heritage Museum is comprised of several collections, including paper artifacts, photos, media, technical books and an extensive hardware collection. Volunteers have cataloged several thousand artifacts, which are being preserved for future generations.

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.

7/29/2025

Core Topic: "Open Mike Night" - Experimenting with HamClock; Trying to get new IC-7100 radio working; Getting familiar with CARC HF Go-Box and EFHW antenna; Enjoyuing listening around on HF; Mentioned presentation by FlexRadio on their new Aurora 500W HF radio (great looking product); Very interested in the CARC EFHW antenna project and how well it will work.

8/5/2025

Core Topic: What is your main computer in your ham shack and what do you use it for? Responses included: Windows tower for web browsing and email, Windows laptop for digital communications and solar WX forecasts, Windows laptop for variety of apps-plus looking into getting started with digital comms, Dell Windows controlling IC-7300-investigating digital modes, Windows computer used for newsletter - no ham radio apps at this time-looking into digital modes, MacBook laptop used for radio control-logging-satellite predictions-propagation-digital modes.

8/12/2025

Core Topic: What do you think of the amount of knowledge needed to get your license? In general, participants agreed that the level of knowledge needed to pass the exams was proper and related to information and rules needed for getting on the air and understanding radio equipment terminology. Some expressed a bit of difficulty with questions that required pure memorization. One comment was that the difficulty of each license question pool was somewhat a "rite

of passage" requiring study. It was suggested that some of the more difficult or technical topics be presented as formal programs at Club Meetings to help with greater understanding.

8/19/2025

Core Topic: What VHF/UHF antenna(s) do you use and why do you like it? The majority of check-ins stated that they use a Diamond mobile antenna, either inside the house or on their car. Several mentioned Comet mobile antennas. A couple of folks mentioned Yagis for gain and horizontal polarization for SSB work. Also mentioned was a Ringo Ranger, which has been in use for over 50 years - durable and with decent gain. Another mentioned use of a square loop (Squalo).

And here are the Net Logs for the last week of July and the month of August::

JUL 29 - [6] KR1ZAN Frank NCS; N5MD Mark; WB0UNI Jim; KJ5LKO Ani; K5WKS Kerry; K5YO Clarence.

AUG 5 - [6] KR1ZAN Frank NCS; K5WKS Kerry; K5MWC Bill; N5MD Mark; K5MDK/m Michael; WB0UNI Jim.

AUG 12 -[7] K5WKS Kerry NCS; KR1ZAN Frank; K5MDK/m Michael; N5MD Mark; WB0UNI Jim; KJ5LKO Ani; KI5SSW/m Steven.

AUG 19 - [7] K5MWC Bill NCS; K5MDK/m Michael (early bird check in); K5WKS Kerry; KR1ZAN Frank; N5MD Mark; WB0UNI Jim; KI5PGM/m Travis.

AUG 26 - NO NET; GENERAL MEETING

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

Discuss Amateur Satellite Topics on Digital Voice Reflectors

A number of digital voice talkgroups and reflectors exist for discussion of AMSAT and amateur satellite related topics. The DMR, YSF, and D-STAR rooms are bridged together for cross-mode discussions.

DMR

- BrandMeister TG #98006 (AMSAT)

Yaesu System Fusion (YSF)

- US-AMSAT Reflector 11689

D-STAR

- REFSAT
- DCSSAT
- XRFSAT
- XLXSAT

All amateur satellite discussions are held on Module C.

M17

- M17-SAT (Module A)

Digital Voice Nets

The AMSAT-X Meetup Net is held weekly on Thursdays at 0300Z (or 0200Z during North American DST-– Wednesday evening in North America) on the AMSAT Digital Mode Reflectors. This net is open to anyone that wishes to join with the focus being centered mostly on AMSAT X users involved in grid square roving/chasing activities in North America.

Participants are also encouraged to check-in with updates on other satellite activities and projects of interest to the group such as upcoming AMSAT presentations/ demonstrations, collection of satellite telemetry, and balloon launches with amateur radio payloads. Currently available linked reflectors are DMR BrandMeister Talk-group #98006 (AMSAT), YSF Reflector #11689 (US-AMSAT), and the AMSAT D-STAR reflectors XLXSAT, XRFSAT, DCSSAT, and REFSAT.

An audio feed is often provided to the *AMSAT* EchoLink Conference Node #101377 but sometimes the bridge is unavailable. The AMSAT M17 Reflector M17-SAT is not yet bridged.

[ANS thanks AMSAT for the above information]

<SIGNALS thanks the AMSAT News Service Bulletin, dated July 19, 2025 for this article.>

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) or directly at: https://www.n5cxx.us/Club Membership Form.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.

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. The Ice Cream Social, held in July in previous years, will be moved to September as the dinner meeting. We hope you like the new format. Please let a club officer know your thoughts.

Here's the calendar for the remainder of 2025:

Sep 23 - Ice Cream Social

Oct 28 - HamClock using RPi

Nov 18 - Annual Meeting/Elections/Elmer Night/Workshop to build HamClock

Nov 22 (Saturday) - Tentative additional workshop to finish HamClock

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

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.

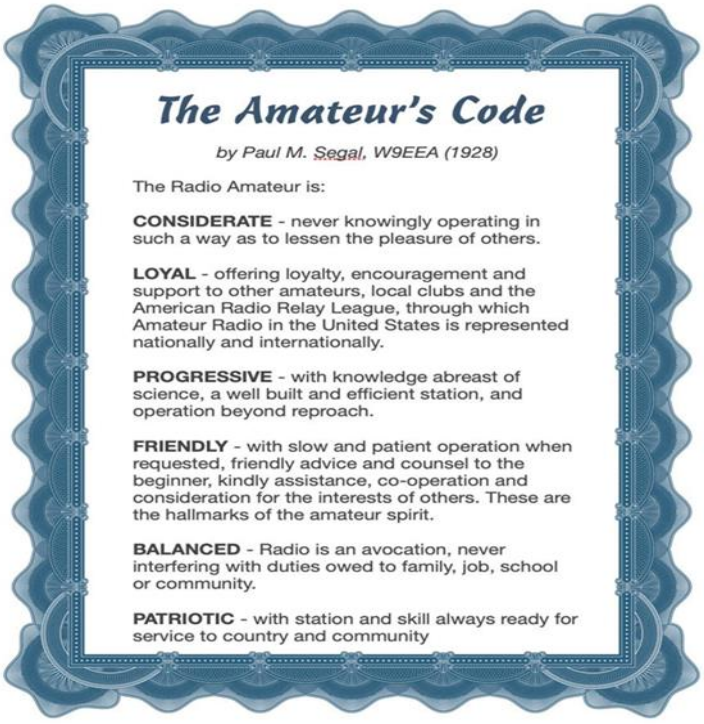
The primary focus is info related to the current project, followed by previous project issues or questions and then general amateur radio questions and findings.

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

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 4th 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
	SEPTEMBER
13-15	**September VHF.** Objective: amateurs in the US and Canada to work as many amateur stations in as many different 2 degrees x 1 degree grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada may only work stations in the US (and its possessions) and Canada. Begins 1800 UTC Saturday and ends 0259 UTC Monday. Details at http://www.arrl.org/september-vhf
13-14	**EME - 2.3 GHz & Up** Contest Objective: To work as many amateur stations as possible via the earth-moon-earth path on any authorized amateur frequency above 50 MHz. Details at http://www.arrl.org/eme-contest
20-22	**10 GHz & Up – Round 2.** The objective is for North American amateurs work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light. Amateurs are encouraged to operate from more than one location during this event. Details at http://www.arrl.org/10-ghz-up
	OCTOBER
TBD	**Collegiate QSO Party** is an event focused on amateur radio clubs at colleges and universities. The event provides an opportunity for clubs to demonstrate amateur radio to new members, engage with alumni, and promote activity throughout college and university communities. Details at https://collegiateqsoparty.com/
11-12	**EME - 50 to 1296 MHz—**Work as many amateur stations as possible via the earth-moon-earth path on any authorized amateur frequency above 50 MHz. Full weekend 48-hour period (0000 UTC on Saturday through 2359 UTC Sunday). Details at http://www.arrl.org/eme-contest.



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	**IWC Test** 1300		
								All C **K1USN Test** 0000			
								All C **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

DATE → 1 | CSRD ← Mode
NAQP ← Contest Name
1200 ↑ Start Time

COLLINS AMATEUR RADIO CLUB

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 26 August 2025 5:30 PM

THE MEETING WILL BE AT

Woodcreek Church Richardson TX

NEXT SIGNALS INPUTS DEADLINE:

➔➔➔ **12 September 2025** ➔➔➔