



Richardson, Texas

SIGNALS

MONTHLY NEWSLETTER

Volume 47 Issue 06

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

March 2026

CARC Membership Meeting

Tuesday 24 March 2026 5:30 PM

The Meeting will be at
Woodcreek Church
3400 E. Renner Rd, Richardson TX
(and via Zoom)

**"Amateur Radio and High
Altitude Ballooning",**

by: Andrew Koenig, KE5GDB

process of recovering radiosondes launched twice daily by the National Weather Service in Ft. Worth.



Andrew Koenig, KE5GDB, has held an amateur radio license since 2005 when he was licensed as part of a program at his middle school. Andrew moved to Richardson in 2012 to study engineering at the University of Texas at Dallas, and ultimately found employment in the Richardson area with Airbus DS GS as a SATCOM Systems Engineer.

Within the amateur radio hobby, Andrew is trustee for the Richardson Wireless Klub and the Operations Officer with the Denton County ARA. Interests within the hobby include high-altitude ballooning, Raspberry Pi projects, VHF/UHF, and weather. You are much more likely to find Andrew at the computer programming, debugging, or designing a PCB for a radio task than to find him on the air.

Join Us For Pizza Night at the March 24th CARC Meeting

We're trying something new at this month's meeting - pizza and drinks (soft, that is). For those heading home from work, a slice or two of pizza may be just the trick to overcome hunger pangs before going home for dinner.



If you haven't been to a Club meeting in a while, come on out to enjoy some pizza and a wonderful program on high altitude ballooning.

CAPE'S MATCH PROGRAM UP IN THE AIR!

This month's meeting of the Collins Amateur Radio Club of Richardson will take place on Tuesday, March 24th, at 5:30pm, at Woodcreek Church, 3400 E. Renner Rd., Richardson. Following a brief business meeting, Andrew Koenig, KE5GDB, will present a very interesting program entitled: Amateur Radio and High Altitude Ballooning.

The Richardson Area Balloonatics, a special interest group within the Richardson Wireless Klub, has launched approximately two dozen balloons in the past five years, each one with a purpose to demonstrate new technology, collect interesting data or photographs, or to break high-altitude records.

This program will look at the modern payloads flown on the RAB launches, discuss improved reception and tracking methods, and the launch process. We will discuss using an RTL-SDR and a Raspberry Pi as a multi-slice receiver to decode telemetry and live images transmitted in the 432MHz ham band. Additionally, we will discuss the

CARC LEADERSHIP			
PRESIDENT		VICE-PRESIDENT	
Mike Montgomery	WD5TX	Frank Krizan	KR1ZAN
president@n5cxx.us		vp@n5cxx.us	
SECRETARY		TREASURER	
Jim Brown	AF5MA	Mark Dempsey	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	
Frank Krizan	KR1ZA	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 rwxhamtest@gmail.com.

SIGNALS is the monthly newsletter of the Collins Amateur Radio Club, published by and for its members. The entire contents of this newsletter are copyright © 2026 by the Collins Amateur Radio Club. Permission is hereby granted to any not-for-profit amateur radio publication to reprint any portion of this newsletter provided both the author and Collins Amateur Radio Club are credited.

President’s Message.

No Message this month. Watch this spot for next month’s words of wisdom.

Mike Montgomery
WD5TX

Vice-President’s Report

Please check your membership status in HamClubOnline and if your membership in CARC has expired, send in a renewal or come to this month’s meeting and pay your dues. We no longer receive support funds from the company, so every dollar counts. Membership is only \$20 per year.

And, while you're at it ... ask around your section or department and invite other hams and folks interested in becoming hams to come to a meeting and enjoy education and fellowship with kindred employees and retirees.

I had to cancel the planned April 11th One-Day Tech Class due to some conflicts. The current Tech Question Pool expires the end of June, so we'll be looking at doing a one-day class in late summer, perhaps August. Keep an eye out for details.

Our GenSets have found a home. Jeff Box, WA5TCA, has graciously found a place at his home to store the generators and ancillary components. He will also take care of routine maintenance.

As you can read in the February Meeting Recap, those in attendance contributed a great list of ideas for meeting programs. The March program is one of the suggestions - Amateur Radio and High Altitude Balloons. Each month, we'll ask for additional suggestions for meeting topics, so be thinking about what you'd like to see in the way of programs and projects.

Remember that Club membership is open to the general public; however Full Voting Membership is only available to Collins and Raytheon employees and retirees and any related corporate entities, current or legacy.

Field Day is June 27th and 28th (Saturday and Sunday). In order to have a fun and successful Field Day we need a member to volunteer to chair a Field Day Committee. What are your thoughts about Field Day? Operate in the Club station? Operate in the field? Operate individually or in small groups from home or an outdoor site? If we're to have a Club-oriented Field Day, planning needs to get underway now. Contact me at vp@n5cxx.us if you're interested.

73, Frank KR1ZAN, VP

Secretary's Report

24 February 2026

The meeting was called to order by President Mike Montgomery WD5TX at 1732. The Club met in-person at our meeting site at Woodcreek Church in Richardson, with Zoom access available.

The following were present:

Jim Brown	AF5MA
David Cheek	WA5MWD
Wayne Collins	KI5YOQ
Mark Dempsy	N5MD
Mike Montgomery	WD5TX
Frank Krizan	KR1ZAN

Mike Schmit	WA9WCC
Jim Skinner	WB0UNI
Mike Wideman	KG5MCC
Milton Withers	AD5XD

The following attended via Zoom:

Clarence Sebesta	K5YO
Bill Swan	K5MWC

Officer and Committee Reports

The Vice President's and Secretary's reports were published in the February 2026 CARC Newsletter. The Treasurer's report is available on the Members Only page of the CARC website; it was presented in the meeting by Treasurer Mark Dempsy N5MD.

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

Old Business

There was no old business.

New Business

Vice President Frank Krizan KR1ZAN led a discussion of the membership to develop a list of desired program topics for future meetings. A large number of topics were suggested, and members present showed near-unanimous support for all of them. Frank will publish a list of these topics in the next Signals newsletter.

Announcements

Frank Krizan announced that the CARC will conduct a one-day tech class on 11 April 2026 at Woodcreek Church. The day will consist of an intense day of training for completion of the exam for the Technician-level ham license, followed by testing for the license. The February edition of Signals magazine has further details of the event.

President Mike Montgomery WD5TX confirmed that he will be moving to Omaha this week to begin a new assignment with Collins Aerospace. Mike will continue to serve as CARC President for the remainder of his term, participating via Zoom.

Frank Krizan announced that pizza will be served at the March meeting, pending approval of the CARC Board.

Adjournment

The meeting was adjourned at 1745, followed by show-and-tell presentations by Frank Krizan KR1ZAN, Jim Skinner WB0UNI, Mark Dempsy N5MD and Mike Wideman KG5MCC.

Minutes of CARC Board of Directors Meeting

10 March 2026

The informal pre-meeting workshop began at 1903 via Zoom.

The following Board members logged into the meeting:

- Mike Montgomery WD5TX, President
- Frank Krizan KR1ZAN, Vice President
- Jim Brown AF5MA, Secretary

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

Delay in Scheduling of One-Day Tech Class. Frank Krizan KR1ZAN announced that the tech class planned for 11 April 2026 would be re-scheduled to a later date, probably in August. A number of conflicts made this necessary.

Procedure for Sale of Club Equipment. The Board discussed a proposed draft of a procedure for sale of excess Club equipment to Club members. It was generally accepted, but the Board agreed to review it again through email exchange before presentation to the general membership at the 24 March meeting. It is expected that the first item of equipment to be sold would be the 30S-1 linear amplifier.

Funding of Pizza for the 24 March Meeting. A motion was formulated for consideration at the formal Board meeting to follow the workshop.

Re-Scheduling of Spring Creek BBQ Event. The Board agreed that the CARC event planned for late April be re-scheduled to the 28 July meeting date.

Formal Board Meeting. President Mike Montgomery WD5TX declared a formal meeting at 1925 to act on one proposed motion:

It is moved that funding not to exceed \$100 be approved to provide pizza and drinks for the 24 March general membership meeting.

It was moved by Jim Brown AF5MA and seconded by Frank Krizan; approval was unanimous.

The meeting was adjourned at 1929.



Tues. Mar. 24 - 5:30pm - Membership Meeting at Woodcreek Church

Tues. Mar. 31 - 5:30pm - Drive Home Net (441.875)

Tues. Apr. 7 - 5:30pm - Drive Home Net (441.875)

Tues. Apr. 7 - 7:00pm - 1st Tuesday Elmer Night via Zoom

Tues. Apr. 14 - 5:30pm - Drive Home Net (441.875)

Tues. Apr. 14 - 7:00pm - CARC Board of Directors via Zoom

Tues. Apr. 21 - 5:30pm - Drive Home Net (441.875)

Tues. Apr. 21 - 7:00pm - 3rd Tuesday Elmer Net (441.875)

Tues. Apr. 28 - 5:30pm - Membership Meeting at Woodcreek Church

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) 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.



Here is some interesting news in the amateur radio software world that many operators may want to check out.

A new web-based ham radio dashboard project called **HamDash** has been released and is currently available in public beta:

<http://hamdash.app>

HamDash is a modern, browser-based dashboard

What makes HamDash interesting

- Runs entirely in a web browser (no special hardware required)

- Designed as a modern continuation of the “shack dashboard” idea

- Provides real-time operating awareness in a single screen

Intended for always-on displays in the shack or on a spare monitor.

Currently in **public beta**, so features and improvements are still evolving

This is not as a replacement for HamClock, but as a next-generation interpretation using modern web technologies while keeping the same spirit of quick-glance operating awareness.

Why this matters

Many operators rely on dashboard displays for HF operating decisions, DX chasing, and propagation awareness. With changes affecting older tools, projects like HamDash show how the community continues building new solutions and keeping innovation alive in amateur radio.

If you enjoy experimenting with shack software or want a clean dashboard display for your station, it may be worth taking a look and providing feedback while it's still in beta.

Our thanks to Amado Pereira, KJ5DGS, of the Garland Amateur Radio Club for making us aware of this very useful software tool.

CARC Community Service Activities

Siren Testing Dennis Cobb WA8ZBT and Jim Skinner WB0UNI participate in the Richardson outdoor warning siren testing. The March 2026 test 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. Frank Krizan, KR1ZAN, was scheduled to assist with the monthly Garland Siren Test; however, the test was cancelled for March 4th due to inclement weather. The Garland Siren Test is held at Noon on the first Wednesday monthly with hams reporting on the Garland ARC 146.66 MHz repeater.

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 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.

FT2

THE FASTEST DIGITAL MODE EVER CREATED

FT2 is a new experimental digital mode for amateur radio that allows for very fast signal exchanges, completing contacts in about 7 to 11 seconds. It operates on a modified version of the WSJT-X software and is designed for efficient communication, particularly in contesting scenarios.

Overview of FT2

FT2 is a new experimental digital mode for amateur radio that has recently begun on-air testing. It was developed by a group of Italian radio amateurs and is based on a modified version of the WSJT-X software. FT2 aims to facilitate extremely fast communication, allowing for quick exchanges between operators.

Speed and Efficiency

- Cycle Length: Approximately 3.8 seconds
- Full QSO Duration: Between 7 to 11 seconds
- QSO Rate: Theoretical maximum of about 240 QSOs per hour

Technical Specifications

Parameter	FT8	FT4	FT2
T/R Cycle	15 seconds	7.5 seconds	3.8 seconds
TX Duration	12.64 seconds	4.48 seconds	~3.55 seconds
Modulation	8-GFSK	4-GFSK	8-GFSK
Sensitivity	-21 dB	-17.5 dB	~-10.8 dB
Payload	77 bits	77 bits	77 bits

Current Status

FT2 is still in an experimental phase, with limited public documentation available. It is primarily being tested by a

small group of operators, and its use is currently restricted to specific frequencies on HF bands. As it evolves, more information and formal specifications are expected to be released.

Operators interested in trying FT2 should monitor updates from the developers and use trusted sources for any software downloads.

More info at ft2.it and vu3dxr.in.

Elmer Night

For our members 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 created a new online meeting called "Elmer Night."

Elmer Nights have been taking place via Zoom for the past several months 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.

CHANGES ARE A-COMIN'

Beginning with March, we are changing the delivery method of Elmer Night. The first Tuesday Elmer Night will continue to be held at 7pm via Zoom. The focus of this session will be further discussion of the topic or theme of the program/presentation conducted at the previous month's general membership meeting. We'll continue to discuss Club construction projects, answer questions posed by members and guests and offer ham-related info and findings that can benefit everyone on the call.

The third Tuesday Elmer Night will become "Elmer Net" and will be held on the CARC 70cm FM repeater, 441.875 MHz, +5 MHz offset, PL=131.8 Hz. This will be a Club Net running later in the evening than our afternoon Drive Home Net. We hope many more of our members will join in. The Elmer Net is a good place for newcomers to ham radio to test out their gear and antennas, ask questions and share experiences.

Elmer Net will help us exercise the repeater and allow D-STAR users to test settings and capabilities. We hope to get more activity on the N5CXX PBBS on 2 meters, so this Net will offer coordination of signals and messaging using Packet Radio.

A goal for this year is to get our repeater on AllStar for analog FM and on D-STAR for digital comms. The net will offer a testing ground for those getting their apps and equipment in order.

We hope you'll consider joining us even if you're not currently working on a Club project or endeavoring to try out D-STAR or Packet. 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



A poster for "FREE STORM SPOTTER TRAINING" that has been postponed. The poster features logos for SKYWARN, EM, and other organizations. It includes the text "LEARN TO IDENTIFY SEVERE WEATHER" and "POSTPONED Watch for updates". The address is 7117 COUNTY ROAD 166, MCKINNEY, TX 75071. A QR code is provided for registration, with the URL <https://tinyurl.com/CollinSKYWARN-Reg-2026>. Social media handles for @CollinARES, facebook.com/CollinARES, and www.collinares.t are also listed.

Need another Badge or Coffee Mug?



Jim
AF5MA



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

February Meeting Recap

The CARC Feb. 24th meeting featured our Annual Show 'n Tell Night. Several of our members presented some interesting gadgets and projects which they use or have built.

Frank Krizan, KR1ZAN, opened the program with a discussion of the USB GPS engine. The device costs \$11.99 and is available from Amazon. Look for HiLetgo VK172 G-Mouse USB GPS/GLONASS USB GPS Receiver for Windows 10/8/7|VISTA/XP. Frank referenced software needed for GPS coordinates and setting computer time for Windows, Mac and Linux. For more info, contact kr1zan@arrl.net



The second presenter was Jim Skinner, WB0UNI, who showed a clever mount for his mobile receiver-transmitter unit for mounting under the seat to protect it from kicking by rear seat passengers in his vehicle. Contact Jim at wb0uni@arrl.net for info.



Mike Wideman, KG5MCC, gave the next presentation on the BTECH APRS K2 Cable, which allows for interfacing a smart phone or tablet to an HT, especially the Baofeng radios. In addition to APRS, the interface can be used by

other Packet apps, for recording off-the-air audio and as an interface for line-level audio. Contact Mike at mjconstrux@yahoo.com



Our fourth presenter was Mark Dempsky, N5MD, who showed his construction of a \$4 amateur satellite antenna. The antenna is built on a 1" x 2" x 5 ft board using coat hanger wire. It turns out the project costs a bit more than \$4 unless you have a good hardware junk box. New parts cost about \$25. Mark said he is investigating various dual-band antennas to help members on the fringe of the repeater achieve some gain for the 70cm voice repeater and the 2m CARC PBBS. For more info on Mark's antenna, contact him at mark@dempsky.org



Jim Skinner, WB0UNI, came around again with Dactron Line Squirrel Issue - PVC Solution. Jim explained that squirrels had chewed on his dactron guy lines supporting his wire antenna support pole. Adding a 2- to 3-foot length of PVC to the dactron where it attached to various points on the house eliminated the chewing. Jim's email is wb0uni@arrl.net



Mike, KG5MCC, came around again with another project - the three-element tape measure yagi. Mike said to just do a web search for "3 element tape measure yagi" and you'll find several articles on how to build one. For help or info, email mjconstrux@yahoo.com



The last presenter was Frank, KR1ZAN, who showed his new hand-held oscilloscope. It's available from Amazon for \$279.99. The model is FNIRSI DPOS350P 4-in-1 Tablet Oscilloscope. It is a dual-channel scope with 7" full color touch screen and, beyond the o-scope, includes a signal generator, spectrum analyzer and frequency response analyzer. Frank's email is kr1zan@arrl.net



Starting with this meeting, the Board of Directors will be asking members for inputs on their preferences for upcoming programs and projects. A brief brainstorming session during the business meeting produced the following member suggestions for future Club programs:

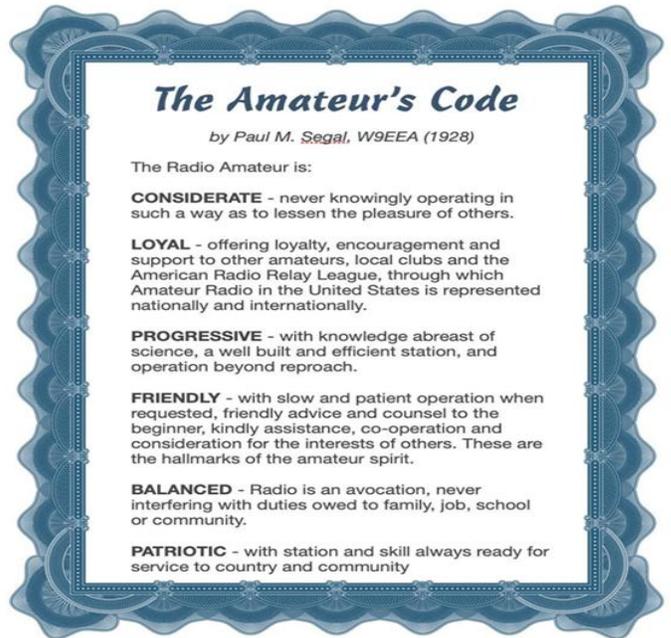
- Satellite antennas for HamSats (esp. LEOs)
- Tracking software for HamSats
- Grounding and bonding and lightning protection
- Antennas - portable, limited space, mobile (emphasis on how easy it is to get on the air)
- Packet radio - AX.25, PBBS
- DMR
- APRS
- Digital modes
- AREDN
- POTA
- North Texas balloon launches
- Fox hunts
- Roll-up J-pole antenna project

When members were asked for their votes on which programs to do first, everyone said they liked ALL the ideas. The order wasn't important.

We hope all our members will find this list interesting and join us at our monthly meetings to learn more about ham radio.

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 (on 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
MARCH	
28-29	CQ WPX SSB. The WPX Contest is based on an award offered by CQ Magazine for working all prefixes. Held on the last weekend of March, the contest draws thousands of entries from around the world. Starts: 0000 UTC Saturday, Ends: 2359 UTC Sunday. Details at https://www.cqwp.com/ ,
APRIL	
18-19	CQMM DX. We have an ambitious goal to achieve (set in 2010 to be achieved by 2025), which is to try to receive 2,500 LOGs. Starts: 0000 UTC Saturday, Ends: 2359 UTC Sunday. Details at https://www.cqmm.com/ .
19	Rookie Roundup—Phone Mission: To encourage newly-licensed operators to operate on the HF bands and experience competitive Amateur Radio operating. Rookies exchange information with as many other stations as possible on the 80, 40, 20, 15, and 10 meter HF bands. The event runs from 1800 UTC through 2359 UTC. Details at http://www.arrl.org/rookie-roundup
MAY	
9-10	CQ WPX CW. The WPX Contest is based on an award offered by CQ Magazine for working all prefixes. Held on the next-to-last weekend of May, the contest draws thousands of entries from around the world. Starts: 0000 UTC Saturday, Ends: 2359 UTC Sunday. Details at https://www.cqwp.com/



Texarkana's Tailgate Mini-Fest



Sponsored by the
Four States Amateur Radio Club

WHERE: PAVILION AT TRAILHEAD PARK
117 SE Front St. New Boston, TX 75570

WHEN: MAY 30, 2026 8:00 AM to 2:00 PM

RADIOS GIVEN AWAY EVERY HALF HOUR!

- RAFFLE TICKETS MAY BE PURCHASED UP TO THE TIME OF DRAWING.
- **FREE DOOR PRIZE TICKET FOR ADULTS.**
- MUST BE PRESENT TO WIN.
- RAFFLE PRIZES GIVEN AWAY ON THE HOUR.
- DOOR PRIZES GIVEN AWAY ON THE HALF-HOUR.
- 10'X10' SPACE FOR RENT UNDER PAVILION: \$5.00 EA
- LIMITED NUMBER OF TABLES FOR RENT FOR ABOVE SPACES: \$5.00 EA
- FREE TAILGATE SET UP OUTSIDE OF PAVILION.

**HAMBURGERS, HOT DOGS AND ALL THE TRIMMINGS
WILL BE SERVED. DONATIONS APPRECIATED.**

TALK IN: 146.620/100 OR 147.200/100

FOR MORE INFORMATION...

Phone or Text: 903-276-0552

Email: 4SARCEvents@gmail.com



Calendar of Select Amateur Radio Contests for 2026

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
3 4 ARRL RTTY Roundup	1 1 NA Sprint SSB	7 8 ARRL INT'L DX SSB	4 5 SP Polish DX CW & SSB	2 3 ARI Int'l DX	6 7 IARU Region 1 Fieldday CW	1 1 RAC Canada Day CW & PH	1 2 10-10 INT'L Summer SSB	5 5 CW OPS OPEN	10 11 OCEANIA DX CW	1 1 NA Sprint SSB	4 6 ARRL 160m CW
10 11 NAQP CW	7 8 10-10 INT'L Winner Phone	14 14 YB DX RTTY	11 12 JIDX CW	9 10 VOLTA WW RTTY	7 7 ARRL INT'L DIGITAL (No RTTY)	4 5 Marconi Memorial Contest HF CW	1 2 NAQP CW	12 13 DARC WAE SSB	10 10 10-10 INT'L Sprint	7 9 ARRL SS CW	5 6 FT Challenge
17 18 NAQP SSB	8 8 NA Sprint CW	14 15 Stew Perry Top Band CW Challenge	11 12 IG-RY WW RTTY	9 10 CQ-M INT'L DX Contest CW & SSB	13 15 ARRL June VHF	4 5 CQ WW VHF CW & PH	8 9 DARC WAE CW	12 14 ARRL September VHF	17 18 JARTS WW RTTY	14 15 DARC WAE RTTY	12 13 ARRL 10M CW & PH
17 19 ARRL January VHF	14 15 CQ WW WPX RTTY	14 15 South America 10m CW & PH	18 19 CQMM DX CW	14 14 Contest University Dayton	20 21 ALL ASIAN DX CW	11 12 IARU HF World CW & PH	15 16 SARTG WW RTTY	13 13 NA Sprint CW	17 18 Worked All Germany CW & PH	14 16 CQ WE (Western Electric)	19 19 OK DX RTTY
23 25 CQ 160m CW	21 22 ARRL INT'L DX CW	15 15 NA Sprint RTTY	25 26 10-10 INT'L Spring Digital	16 16 NZART Sangster Shield CW	20 21 Stew Perry Top Band CW Challenge	18 19 NAQP RTTY	15 16 NAQP SSB	20 20 NA Sprint RTTY	17 18 Stew Perry Top Band CW Challenge	10 11 JIDX Phone	20 20 ARRL Rookie Roundup CW
24 25 BARTG RTTY Sprint	27 MAR 1 CQ 160m SSB	21 23 BARTG HF RTTY	25 26 SP DX RTTY	16 17 EU PSK63 DX	20 20 ARRL Kids Day SSB	18 19 CQ WW VHF Digital	16 16 ARRL Rookie Roundup RTTY	20 20 BARTG PSK63 Sprint	19 23 ARRL School Club Roundup	21 23 ARRL SS Phone	19 19 RAC Winter CW & PH
24 25 Winter Field Day	28 MAR 1 NAQP RTTY	28 29 CQ WW WPX SSB	26 26 BARTG Sprint RTTY (75 Baud)	30 31 CQ WW WPX CW	27 28 ARRL Field Day	25 26 RSGB IOTA CW & SSB	29 30 World Wide Digi DX	26 27 CQ WW DX RTTY	24 25 CQ WW SSB	28 29 CQ WW CW	26 27 Stew Perry Top Band CW Challenge

CW
Phone
CW & PH
RTTY
FT4/FT8
Digital
All Modes
VHF/UHF

Start Date: 27 28 End Date: 27 28
 Start Time: 1800 Z 1800 Z End Time: 1800 Z 1800 Z
 All Modes: ARRL Field Day Contest Name:

Some Contests allow AM and FM with SSB as operating modes for Phone. All Modes does include CW, Phone and some digital modes but not all. Links to Contest Rules may be found at WA7BNM's Contest Calendar website: www.contestcalendar.com

Calendar of Select Amateur Radio State & Area QSO Parties for 2026

JAN	FEB	MAR	APRIL	MAY	JUN	JUL	AUG	SEPTEMBER	OCTOBER	NOV	DEC
7 8 Vermont QSO Party	1 2 North Carolina QSO Party	4 5 Louisiana QSO Party	18 19 Michigan QSO Party	2 3 7th Cal Area QSO Party	6 7 Kentucky QSO Party	25 26 Alabama QSO Party	8 9 Maryland DC QSO Party	6 7 Tennessee QSO Party	19 20 New Hampshire QSO Party	3 4 California QSO Party	17 18 New York QSO Party
7 7 Minnesota QSO Party	14 15 Oklahoma QSO Party	4 5 Mississippi QSO Party	25 26 Florida QSO Party	2 3 Indiana QSO Party	20 21 West Virginia QSO Party	22 23 Hawaii QSO Party	12 13 Colorado QSO Party	19 20 Washington State Salmon Run QSO Party	10 11 Nevada QSO Party	19 20 Illinois QSO Party	
28 MAR 1 South Carolina QSO Party	14 15 Idaho QSO Party	11 12 Missouri QSO Party	11 12 North Dakota QSO Party	2 3 Delaware QSO Party		22 23 Ohio QSO Party	19 20 Iowa QSO Party	26 27 Maine QSO Party	10 11 Arizona QSO Party		
	15 16 Wisconsin QSO Party	11 12 New Mexico QSO Party	17 18 Nebraska QSO Party	2 3 New England QSO Party		29 30 Kansas QSO Party	19 20 Texas QSO Party		10 11 Pennsylvania QSO Party		
	21 22 Virginia QSO Party	11 12 Georgia QSO Party		16 17 Arkansas QSO Party			19 20 New Jersey QSO Party		10 11 South Dakota QSO Party		
7 8 British Columbia QSO Party	1 1 Nova Scotia QSO Party (80m Only)	18 19 Ontario QSO Party		9 10 Canadian Provinces QSO Party (40-450)	6 7 Atlantic Canada QSO Party						
		19 19 Quebec QSO Party									

CW & PH
All Modes

Start Date: 30 31 End Date: 30 31
 Start Time: 1800 Z 1800 Z End Time: 1800 Z 1800 Z
 All Modes: Kansas QSO Party Contest Name:

Some States allow AM and FM with SSB as operating modes for Phone. All Modes does include CW, Phone and some digital modes but not all. Check individual QSO Party Rules. **** Dates and times in Red Background are estimated and not official. **** Links to QSO Party Rules may be found at WA7BNM's Contest Calendar website: www.contestcalendar.com

Calendars contributed by Brad Wick, W0CO, the author of the Contest Calendar and the State QSO Party Calendar.



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 24 March 2026 5:30 PM
THE MEETING WILL BE AT
Woodcreek Church Richardson TX

NEXT SIGNALS INPUTS DEADLINE:
→→→ 17 April 2026 ←←←