



COLLINS AMATEUR RADIO CLUB

Richardson, Texas

SIGNALS

MONTHLY NEWSLETTER

Volume 46 Issue 06

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

March 2025

CARC Membership Meeting

Tuesday 25 March 2025 5:30 PM

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

"Diving into D-Star - A primer
on this digital voice protocol"
presented by Gary Golob, KU1U

CARC MARCH MEETING

The March meeting of the Collins Amateur Radio Club will be held at Woodcreek Church, 3400 E. Renner Road, Richardson, on Tuesday, March 25th, beginning at 5:30pm. Our meetings begin promptly at 5:30 with self-introductions, including comments on personal accomplishments and station/operating enhancements.

This month's program will be presented by Cory Golub KU1U, entitled "Diving into D-STAR - A primer on this digital voice protocol". This is especially important because our repeater is a mixed-mode repeater allowing for FM analog and D-STAR. The D-STAR mode is not currently connected to the world-wide D-STAR network; it is local mode only.

Cory has been involved in D-Star since 2012. He will speak about this digital voice mode, explain various ways to access D-Star, and break down how it is constructed. This talk will guide people on how to program their radio and understand how repeaters, nodes, hotspots and reflectors are set up. Whether you are new to the mode or need a refresher, this talk will help fill in the gaps. Digital Smart Technologies

for Amateur Radio (D-STAR) was created in 2001 by the Japan Amateur Radio League (JARL). It is considered one of the three popular digital voice formats being used today, the others being Digital Mobile Radio (DMR) and Continuous 4-Level Frequency Modulation (C4FM or System Fusion).

Cory was first licensed as an amateur radio operator in 1995, when he was in eighth grade, as N1URA. He has had a long history of supporting emergency communications, having served as a Public Safety Telecommunicator for the University of Connecticut Fire Department, Lewiston-Auburn Communications, Maine State Police-Gray, and the Androscoggin Sheriff's Department. He is an Assistant Section Manager for the ARRL Maine Section and previously served as a New England Assistant Director for Emergency Communications. Cory now works for the 9-1-1 bureau in Maine, having transitioned from statewide training to now doing technical oversight of the 9-1-1 system. His son Simon, N1URA, is a General-class amateur radio operator.



Cory (KU1U) providing amateur radio communications for the 126th Boston Marathon at Medical Tent 20, Cleveland Circle (2022).

CARC LEADERSHIP			
PRESIDENT		VICE-PRESIDENT	
Mike Montgomery	WD5TX	Bill Fell	KK5PB
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	
Frank Krizan	KR1ZAN	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	

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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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

President’s Message

Until next month,
Mike Montgomery
WD5TX

Vice-President’s Report

Five members paid renewal dues this month. Sixteen member’s dues have expired and have been notified of such. We have 60 challenge coins in inventory currently. I will have challenge coins available for purchase at \$5 each at the March general membership meeting.

Membership Status:

- Current Active Memberships = 53
- Inactive Memberships = 22
- Full Members = 38 (includes life and retiree members)
- Associate Members = 15
- New/renewed Members = 5
- Members moved to Inactive Status = 0

Expired memberships awaiting renewal = 16

Continuing membership is important to the CARC. Through the skills and experiences of all our members, our club provides fellowship, education, and service opportunities. If you have questions about your membership status or other membership-related questions, please contact me. Thank you to all of our members for your support and contributions to the CARC.

73, Bill, KK5PB

Secretary's Report

25 February 2025

In the absence of President Mike Montgomery WD5TX and Vice President Bill Fell KK5PB, Program Chairman Frank Krizan KR1ZAN called the meeting to order at 1730 and facilitated member introductions and general discussion in accordance with the new meeting format recommended by the CARC Board.

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 Dempsey	N5MD
Gene Duprey	K1GD
Frank Krizan	KR1ZAN
John McFadden	K5TIP
Jim Skinner	WB0UNI
Kerry Weeks	K5WKS

Two members and our guest speaker logged in via Zoom:

John Galvin	N5TIM
Clarence Sebesta	K5YO
Steven Lott Smith	KG5VK

Recognition of Members Present, New Members and Guests

All members present were asked to introduce themselves, highlight their activities in the past month, and participate in a free-form discussion on topics of interest.

There were no guests or new members.

Program

At 1747 Frank Krizan introduced our guest speaker, Steven Lott Smith KG5VK, Section Manager of the North Texas

Section of the ARRL, who provided his annual review and commentary on ARRL activities over the past year.

Following completion of the program at 1902, Secretary Jim Brown AF5MA presided over the formal business meeting.

Officer and Committee Reports

The Vice President's and Secretary's reports were published in the December 2024 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 Dempsey 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.

Adjournment

The meeting was adjourned at 1908.



Minutes of CARC Board of Directors Meeting

11 March 2025

Since the quorum requirements for a formal Board meeting were not met, the attendees used the time to discuss a number of issues informally.

The following Board members logged into the meeting:

Jim Brown AF5MA, Secretary

Mark Dempsey N5MD, Treasurer

One non-voting CARC member also logged in:

Frank Krizan KR1ZAN

No formal business was transacted, but the wide-ranging discussion was very productive, surfacing various ideas for future Club operations. The discussion was largely based on written suggestions from Frank Krizan KR1ZAN; Frank facilitated the exchange of ideas.

While the recommendations put forth during the meeting do not require formal Board action to implement, many will have significant effect to meeting activities and venues. As such, it is expected that these recommendations will be discussed at the next Board meeting and reviewed with the General Membership before implementation.

Subjects addressed included:

Time of General Membership Meetings. Past votes by the Membership have indicated that the current 5:30pm meeting start time is preferred over alternates considered. It is not proposed that this be changed. Meetings (except as noted below) will continue to be held at 5:30pm in person at Woodcreek Church. The Club needs to reduce the size of the meeting room and greatly simplify meeting setup activities. Elimination of Zoom availability and exclusive use of Zoom were discussed, but no conclusions could be reached.

Structured Sequence of Meetings. The structure suggested for the General Membership meetings was intended to simplify efforts for Club officers in light of the dwindling membership and lack of participation by many. It is hoped that a new format will increase membership enthusiasm.

All in attendance favored a new meeting format to use on a quarterly basis:

- Month One: Formal Program
- Month Two: Elmer Night, Workshop or Show and Tell
- Month Three: Dinner Meeting

Dinner Meetings. It was suggested that the dinner meeting for the second quarter of 2025 be held at Spring Creek BBQ in Richardson. This venue has been used in the past with good success. The dinner generally will not include a business meeting and program. The dinner meeting for the third quarter will continue to be the annual Ice Cream Social at Woodcreek Church. The dinner meeting for the fourth quarter will continue to be the annual Christmas dinner party at Aboca's.

Elmer Night / Workshop / Show and Tell. This may be a "build and test" night for projects presented at the previous month's formal program, along with other possibilities.

RaDAR Rally. Hosting a monthly RaDAR Rally was discussed but no recommendations made. Frank Krizan will continue to investigate and suggest a plan at a future Board

meeting. See <https://www.radarrally.info> <<https://www.radarrally.info/>> for details of this event.

On-Site Efforts at Collins Aerospace. Television monitors have been available in the past for employee information. The Club should plan to use these as allowed for Club advertising. Mike Montgomery WD5TX indicated via email that he expects to resume the open houses once again in the CARC club station.

No one at the meeting knew the status of employee activities such as Fun Day and Popcorn Wednesdays on the Collins site, but these would be additional ways to spread interest in the Club.

It was agreed that activities, events and operation of the club station should be the responsibility of employee members. It is up to employees to commit to inviting and escorting retirees and public into the club station for activities.

Tech Courses. Frank Krizan and Mark Dempsy are going to develop a plan for a one-day tech course to be held at Woodcreek Church on a Saturday. If successful, the Club could offer such a course on a quarterly or semi-annual basis. This would be another way to promote the Club to company employees.

Drive Home Net. It was felt that keeping the Drive Home net functioning was a good idea. The establishment of an Elmer net on selected Tuesdays following the Drive Home net could also be effective, especially for new hams and others seeking help and advice on ham topics. Frank agreed to develop a new strawman calendar for net activities and submit it to Board members.

Joint operating activities with Cedar could be feasible and, if we can get our repeater on the D-STAR network, we could easily link to the Cedar Rapids D-STAR repeaters.

Adjournment. The discussion concluded at 2042.

February Meeting Recap

Ten members of the Collins ARC attended the February 25th Club meeting at Woodcreek Church in Richardson; two via Zoom. The Club tried out its new meeting format - starting the meeting at 5:30pm. on the dot with the Pledge of Allegiance followed by individual introductions including descriptions of significant happenings in each person's ham month. Members were asked to mention any significant QSOs, new equipment or software and any help they needed or were willing to provide. The format was well received. The business meeting was held after the evening's program.

February is our Annual ARRL Night, and Steven Lott Smith KG5VK, the ARRL North Texas Section Manager, joined us via Zoom to give us an overview of happenings at League

headquarters, an update on the “HOA Friendly Amateur Radio Bill” re-introduced into Congress, and an update on significant activities and changes in the North Texas Section.



Steve is always gracious to offer a door-prize when he speaks. The winner of the latest publication from the ARRL “POTA-Parks on the Air” was Kerry Weeks K5WKS.

Brandmeister to Stop Supporting Some DMR IDs

Beginning this summer, the [Brandmeister DMR network](#) will [no longer support](#) certain devices with DMR IDs that begin with the number 1. Hams utilizing the Brandmeister network with affected DMR IDs are encouraged to request a new ID from [Radioid](#).

Brandmeister is requiring their users to obtain DMR IDs that adhere to a [Mobile Country Code](#) (MMC) standard to help facilitate automated process that make up the Brandmeister network.

5-digit CAP+ IDs will stop working June 1st. 7-digit personal radio IDs starting with 1 will stop working January 1, 2026. Repeaters with 6-digit radio IDs starting with 1 will continue to work indefinitely.

Source: [Brandmeister](#) March 1, 2025

New Activities Chairman Needed

Life situations change, and I must regrettably announce that I will not be able to continue as Activities Chairman in 2025.

The job of Activities Chairman primarily involves arranging for monthly speakers for our Club meetings and encouraging teams to participate in operating activities. I

have handled the job of lining up speakers since 2018 and won't be able to continue in 2025, so it is time for someone to step in and accept this important task.

Programs are already lined up for most of 2025 (yes, there are a couple of TBDs, but I'm waiting for confirmations from potential presenters).

The sooner someone can step up and accept the job of Activities Chairman, the sooner I can work with that person in learning the ropes. It's not that hard and is very satisfying.

If you'd like to discuss the job with me, email me at frank@krizan.org or call 214-563-6679.

CARC Community Service Activities

Siren Testing Dennis Cobb WA8ZBT and Jim Skinner WB0UNI participate in the Richardson outdoor warning siren testing. The March 2025 test was conducted on 5 March. All sirens worked flawlessly. 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. The Garland Siren Tests were cancelled.

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



[AMSAT](#) has designated the recently launched HADES-R as Spain-OSCAR 124 (SO-124). The satellite features an FM repeater and is now open for amateur radio use. The uplink frequency is 145.925 MHz and the downlink frequency is 436.885 MHz. SO-124 also supports APRS and FSK telemetry.

At the request of [AMSAT-EA](#), [AMSAT](#) has officially designated HADES-R as Spain-OSCAR 124 (SO-124) in recognition of its contributions to amateur satellite communications. This designation underscores the satellite's role in expanding access to space-based communications for the amateur radio community.

AMSAT congratulates AMSAT-EA on this achievement and looks forward to the continued success of this and future projects.

Source: [AMSAT](#) February 25, 2025

DRIVE HOME NET CORE TOPIC REGAP

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 is little to discuss, so the Core Topic gives us all an opportunity to speak up. Here is a collection of responses to Core Topics in the past month. We invite all our members to take a break from 5:30 to 6 pm on Tuesdays and join in to share your thoughts.

4 Mar 2025

Core Topic: Have you ever worked an amateur radio satellite? One person has worked several satellites using various modes. The rest of the Net's participants have not; however, several commented that they had observed someone else making a satellite QSO. It was mentioned that the CARC program for April will be "Getting Started with Amateur Radio Satellites." So if you've wondered what it takes to try your hand at working a HamSat, come to the April 22nd meeting.

11 Mar 2025

Core Topic: Have you ever been a BCL (Broadcast Band Listener)? All participants reported YES. BCLing used to be the "gateway" into Shortwave Listening (SWLing). It was especially exciting to listen to local stations when they went off the air to hear distant stations, including DX broadcasters in foreign countries.

18 Mar 2025

Core Topic: Are you concerned about the dreaded SWR? If so, why? And what did you do about it? Virtually all participants indicated that at one time in their "ham life" they had issues with SWR, mostly with radios that "folded back" power to protect the final amplifiers. Most new radios have built-in auto-tuners that compensate for a reasonable range. Other comments included using high quality coax, ladder line, baluns and trimming end-fed and long-wires for minimum SWR. High SWR can occur from RF on coax shields, resulting in audio system interference and RF "bites" on the microphone or radio chassis.

Here are the net logs for March:

March 4 - [7] KK5PB Bill NCS; K5WKS Kerry; KR1ZAN Frank; W5BJ Bob; K5MWC Bill; K5MDK/m Michael; WB0UNI Jim; Core Topic: Have you ever worked an amateur radio satellite?

March 11 - [2] KR1ZAN Frank NCS; WB0UNI Jim; Core Topic: Have you ever been a BCL (Broadcast Band Listener)?

March 18 - [8] K5MWC Bill NCS; K5WKS Kerry; KR1ZAN Frank; W5BJ Bob; AG5PM Rich; K5MDK/m Michael; KK5PB Bill; WB0UNI Jim; Core Topic: Are you concerned about the dreaded SWR? If so, why? And what did you do about it?

March 25 - NO NET; GENERAL MEETING

<<Mar avg=6; 3-month moving avg=6>>

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

LOOKING AHEAD

Here are the meetings we have lined up for 2025. We have a number of open slots in 2025, so if you'd like to give a presentation or have a suggestion, send your ideas to frank@krizan.org.

Beginning with our April meeting, we're switching to the new meeting schema of 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. 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:

Apr 22 - DigiPi - the Ham's Digital Toolbox

May 27 - Elmer Night/Workshop for DigiPi assembly

Jun 24 - Club Family Dinner at Spring Creek BBQ, Richardson

Jun 28/29 - Field Day

Jul 22 - TBD

Aug 26 - Elmer Night / Workshop / Show and Tell

Sep 23 - Ice Cream Social

Oct 28 - TBD

Nov 18 - Annual Meeting / Elections / Elmer Night / Show and Tell

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

Texarkana's Tailgate Mini-Fest



TOP PRIZES
FT-DX10
FTM-500
IC-2730B

Sponsored by the Four States Amateur Radio Club

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

WHEN: MAY 31, 2025 8:00 AM to 2:00 PM

RADIOS GIVEN AWAY EVERY HALF HOUR!

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

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

TALK IN FREQUENCIES: 146.620/100 OR 147.200/100

FOR MORE INFORMATION
PHONE OR TEXT: 903-276-0552
EMAIL: 4SARCEVENTS@GMAIL.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.

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 3541 KHz and at 10pm on 3541 KHz www.k6jt.com
Tuesdays	Collins ARC Drive Home Net. 441.875 (+5) MHz, PL=131.5 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
MARCH	
29-30	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.cqwpw.com/ .
APRIL	
13	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 .
19-20	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.cqmmdx.com/ .
MAY	
24-25	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.cqwpw.com/ .

Need another Badge or Coffee Mug?



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

**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

The Amateur's Code
 by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE - never knowingly operating in such a way as to lessen the pleasure of others.

LOYAL - offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE - with knowledge abreast of science, a well built and efficient station, and operation beyond reproach.

FRIENDLY - with slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

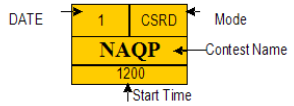
BALANCED - Radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC - with station and skill always ready for service to country and community

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			
								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





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 HSMN-MESHNET Nodes 2.4 GHz

Membership Meeting
Tuesday 25 March 2025 5:30 PM
THE MEETING WILL BE AT
Woodcreek Church Richardson TX

NEXT SIGNALS INPUTS DEADLINE:
→→→ 11 April 2025 ←←←