

CARC Membership Meeting Tuesday 24 January 2023 5:30 PM

The Meeting will be at
Poor Richards Café, Plano TX

Annual Show 'n Tell

Gene Duprey K1GD
Bill Fell KK5PB
Paul Jarvis KC5MVE
Frank Krizan KR1ZAN
Nancy Krizan K5NCK
Clarence Sebesta K5YO
John McFadden K5TIP
Liz McFadden K5LIZ
Carla Scannicchio
Daylee Sirkel
Jim Skinner WB0UNI
Rose Skinner
Bettye Weeks K5BTY
Kerry Weeks K5WKS

January Meeting Announcement

***** NO GENERAL MEETING IN DECEMBER *****

Our next meeting is on Tuesday, January 24, 2023. It's our Annual Show 'n Tell. (see The Prez Sez for details)

CARC'S Annual Christmas Party

The Annual Collins Amateur Radio Club Christmas Party was held on Tuesday, December 6, 2022, at Aboca's Italian Grill in Richardson. Eighteen members and guests attended. Everyone enjoyed great fellowship, scrumptious food and several went home with some great door prizes.

In attendance were:

Jim Brown AF5MA
Katy Brown
Robert "Bob" Chandler KI5KRN
Christine Duprey KD5IBA

Here's who went home with door prizes:

Rose Skinner - \$100 gift certificate from Ham Radio Outlet
Paul Jarvis - \$50 gift certificate from Ham Radio Outlet
Katy Brown - \$25 gift certificate from Ham Radio Outlet
Christine Duprey - \$25 gift certificate from Aboca's Italian Grill

And, thanks to Ham Radio Outlet, several Yaesu ball caps, ICOM band charts, luggage tags, micro-fiber lens/screen cleaners and cable ties were made available for those who wanted them. There are lots of pictures on page 6.

Everyone agreed this party was lots of fun, and the Club should endeavor to have more dinners throughout the year.



CARC OFFICERS	
PRESIDENT Bill Swan K5MWC 972-529-3906 bill@swanshome.net	VICE-PRESIDENT Bill Fell KK5PB 972-424-0496 kk5pb@arrl.net
SECRETARY Jim Stafford W5DTG 972-898-3516 jksbrown@verizon.net	TREASURER Kerry Weeks K5WKS 214-478-3230 weeks.kerry@gmail.com
ACTIVITIES CHAIRMAN Kerry Weeks K5WKS 214-478-3230 weeks.kerry@gmail.com	WEBSITE MANAGER Mike Hollingsworth W5QH 972.571.6060 w5qh@arrl.net
STATION TRUSTEE Bob Kirby K3NT 319.360.0500 k3nt@arrl.net	NEWSLETTER EDITOR Jim Skinner WB0UNI 214.535.5264 wb0uni@arrl.net
MEMBERSHIP Bill Swan K5MWC 972-529-3906 bill@swanshome.net	N5CXX CLUB STATION Phone Number/Mail Station Unavailable until further notice

VE SESSIONS

Collins Amateur Radio Club (CARC) Test sessions take place on fourth Tuesdays, immediately following the regular CARC monthly membership meeting (about 7:30 p.m.). The test sessions are held at **Poor Richards Café Plano TX**. Walk-ins are welcome, but it's best to register with the lead examiner, Kerry Weeks, at weeks.kerry@gmail.com or by phone at (214) 478-3230.

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 testing is held on the fourth Thursday of each month, excluding November, and begins at 1930 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.

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.

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 © 2021 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.

The Prez Sez

with KR1ZAN



Congratulations to the newly elected Officers for 2023 of the Collins Amateur Radio Club of Richardson, TX. The new officers will be formally installed at the January Board of Directors Meeting on Tuesday, January 10th. The Officers for 2023 were elected at the Annual Meeting in November:

- President: Bill Swan, K5MWC
- Vice-President: Bill Fell, KK5PB
- Secretary: Jim Stafford, W5DTG
- Treasurer: Kerry Weeks, K5WKS

Immediate Past President / Director at Large: Frank Krizan, KR1ZAN

This will be my last President's Column, but I will continue to support the Club as a Director at Large, serving the Board and Membership in various ways. I have been honored to have had the opportunity to serve as President the past three years, and I am thankful for the great support of our members.

The Board who has served with me for the past three years has contributed unselfishly to make CARC successful, amid a number of difficult situations. The Covid pandemic and the sudden relocation of our Club radio room were among the difficult situations we all had to adjust to. I couldn't have asked for a better team to work with to keep our Club moving in the right direction.

Let me start by thanking all our members for your support of our Club. Active, interested members are the life-blood of any society. I hope you will continue to support the new Board in the coming year with ideas, promotion of our Club,

attendance at meetings, involvement in activities and offering to help with projects.

Now ... continuing my thanks, I wish to acknowledge the members of the Board of Directors and other significant contributors:

Bill Swan K5WMC served as Vice President the past three years. Bill handled the duties of Membership Chairman, maintaining our roster and details of Ham Club Online. In addition, Bill has served on many occasions as NCS for the Drive Home Net on Tuesday evenings.

Jim Brown AF5MA served as Secretary during the past three years, continuing his service as Secretary for numerous years prior. Jim recorded the minutes of meetings and prepared reports summarizing meetings for our newsletter routinely each month. Jim used his creative skills to design our new Club logo and service marks, and worked with the Sign Man of Baton Rouge to create our official name/call badges and coffee mugs. He graciously handled the ordering of name/call badges for existing and new members and routinely handled the "honorarium" coffee mugs which we sent to our program speakers. He's done so many other artistic things in the background that I will say that if it involved graphics, Jim probably had something to do with it. And for those who don't know it ... Jim is also our proof reader for SIGNALS each month.

Our Treasurer for three years plus was Rohan Thomas KG5RCN. Rohan received monies and checks and properly deposited them, and issued payments for items purchased on behalf of the Club. As an employee, he regularly monitored the mail station designated for Club mail. Rohan was also our point of contact with employee activities at the Richardson plant.

Kerry Weeks K5WKS has served as our Activities Manager during the past three years. He worked closely with me, defining and inviting speakers for our monthly meetings. Kerry helped organize our first outdoor Field Day in quite some time in 2020, which was held on the CA Richardson campus. He also handled the "Power Plant" project for the Club, involving a pair of Honda generators and power distribution, and, now the conversion of the generators to use propane. Kerry also serves as our ARRL Volunteer Examiner Lead for the VE test sessions we hold each month after our meetings.

A BIG THANK YOU goes to Jim Skinner WB0UNI who edits and publishes our monthly newsletter, SIGNALS. This is a labor of love which involves an untold number of hours to create and distribute. Jim's been handling this job for well over 15 years and con-

tinues to produce a quality product. He has volunteered to be Chairman of the Radio Room Recovery Project, in which we plan to move back to the old site.

Mike Hollingsworth W5QH is our Webmaster. Mike keeps the meeting announcements and various files on our website (n5cxx.us) up to date.

Bob Kirby K3NT is our call sign Trustee, and, he along with Dennis Cobb WA8ZBT have maintained and operated our Club station in many contests and special events over the years. Bob and Dennis (and Rohan) were in the right place a couple of years ago when we got the word that our existing radio room was needed for expansion of a secure lab, and we were forced to move. They de-commissioned the radio room and packed everything up for storage. Everything was moved into a new radio room but, unfortunately, Covid restrictions and confusion of who was paying for the move and allowed to do the work caused us to not be able to do much with the new facilities. The Company has changed its mind about the move and is planning to move us back to the old location. Stay tuned!

Bill Fell KK5PB stepped up and handled a couple of major projects for the Club, including the design and implementation of an HF "go box" and a VHF/UHF "go box." Bill was the right person at the right time when Covid showed up, as he arranged for us to move our monthly meetings to Poor Richard's Cafe in Plano. He handles our audio-visual needs for the meetings and graciously gave me rides to the meetings when my eyesight failed (Thank you, Bill).

While I'm thanking folks, I must include the ARRL VEs who help us each month: Kerry Weeks K5WKS, Lead VE; Mark Wells K9MDI; Gene Duprey K1GD; and, me, Frank KR1ZAN.

These are the folks who routinely support our Club. We have others who offer programs, operate radios in contests, Field Day and special events, contribute time in public service (i.e., SKYWARN, Siren Tests, walks and races, etc.) and who are involved in formal amateur radio activities (i.e., NTS, MARS, ARES, RACES, etc). A sincere Thank You to everyone for your dedication and contributions.

Let's shift to some announcements about upcoming meetings:

Our January 24, 2023 meeting will be our Annual Show and Tell Night. We'd like to have five or six presenters telling us about a home-brew project, a kit they've built, some new gadget they've purchased, some clever software app or tool, or even a clever tip or trick. No formal presentation is required. If you have some "slides" that you'd like to show or some close-up photos, we can arrange to have them ready for our TV monitor and those watching on Zoom. A

five- to ten-minute talk is all that's required. Interested? Send me your ideas: frank@krizan.org.

In February (February 28), we'll once again have ARRL Night with our North Texas Section Manager, Steven Lott Smith, KG6VK. As we get closer, we'll be asking if you have any particular questions or topics you'd like Steve to address so we can send them to him in advance. Plus, he usually brings along some good door prizes.

I'll be handling lining up speakers for the coming year, so if you have particular topics you'd like to have covered by a speaker or panel, send your ideas to me: frank@kriza.org.

My column was a bit long this month, but I wanted to express my thanks to those who contributed to the success of our Club. I have been honored to be your president and to have worked with so many wonderful people. I guess that's the beauty of ham radio.

73 de Frank KR1ZAN

Vice President/Membership Chairman Report

Membership Chairman Report – Updated Membership status - There are no changes to the membership from the previous reporting period

Current Membership - 57

Full Members – 40 (Includes Life and Retiree Members)

Associate Members - 17

Continuing membership is important to the CARC. Through the skills and experiences of all of 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 their support and contributions to the CARC.

73s,

Bill K5MWC

Secretary's Report

15 November 2022

President Frank Krizan KR1ZAN called the meeting to order at 1742. The meeting was in-person at our meeting site at Poor Richard's Café in Plano; there were no Zoom participants.

The following were present:

Bill Fell	KK5PB
Frank Krizan	KR1ZAN
John McFadden	K5TIP

Jim Skinner	WB0UNI
Jim Stafford	W5DTG
Bill Swan	K5MWC
Kerry Weeks	K5WKS
Mark Wells	K9MDI

Officer and Committee Reports

The Vice President's and Secretary's reports were published in the November 2022 CARC Newsletter, and no clarifications or updates were offered at the meeting. The Treasurer's report was presented by Frank Krizan in the absence of Treasurer Rohan Thomas KG5RCN.

In recognition of the Annual Meeting, President Frank Krizan summarized the CARC programs and activities for the past year. These included planning for restoration and repair of the CARC radio room and repeaters and purchase of propane conversion kits for the Club generators.

Summary of Board Actions

President Frank Krizan summarized actions taken by the Board at their November meeting, which are all detailed in the November newsletter. The Club will be closing its PO box and using the home address of the CARC registered agent (Frank Krizan) on file with the Texas Secretary of State as our new CARC mailing address.

Old Business

There was no old business.

New Business

Election of Officers. A full slate of officer candidates was presented by President Frank Krizan:

President: Bill Swan K5MWC

Vice President: Bill Fell KK5PB

Secretary: Jim Stafford W5DTG

Treasurer: Kerry Weeks K5WKS

Immediate Past President / Director at Large: Frank Krizan KR1ZAN

No additional candidates were offered from the floor. A quorum was declared. Kerry Weeks moved to accept the slate by acclamation; this was seconded by Jim Skinner WB0UNI. The motion was accepted unanimously.

Adjournment

The meeting was adjourned at 1855.

CARC December Board Meeting Minutes

Date: December 13, 2022

Location: Zoom

Start Time: 7:00 PM

End Time: 8:45 PM

Attendees:

- Frank Krizan – KR1ZAN
- Bill Swann – K5MWC
- Jim Brown – AF5MA
- Kerry Weeks -K5WKS
- Bill Fell – KK5PB
- Jim Stafford – W5DTG
- Jim Skinner – WB0UNI (Joined meeting at 7:45)

Discussion

1. Board Officer transition plan lead by Frank Krizan.
2. Frank discussed “Team Viewer” application.
3. Jim Skinner provided update regarding moving equipment back into the previous radio room at Collins Aerospace facility before January 3, 2023.

Action Items:

1. Installation of New Board Officers will occur at January 2023 Board meeting.
2. Incoming Treasurer, Kerry Weeks, to get specific processes required by Texans Credit Union to move CARC bank account from Community Bank.
3. Jim Skinner to be sole contact with Collins Aerospace facilities.

Next Board Meeting: January 10,2023

Scribe: Jim Stafford

Drive Home Net Report - December 2022

The Collins ARC Drive Home Net continues on Tuesdays from 5:30 to 6:00 pm on the K5QHD Repeater, 442.700 MHz, +5 MHz, PL=110.9 Hz. The Net is not held on the Tuesdays of the monthly membership meeting or on Tuesdays of social events and holidays. We gratefully thank the Garland ARC for the use of their 70cm repeater while our repeater is being diagnosed.



All stations are invited to check in, whether a member of CARC or not. The Net is informal, operating as a Roundtable.

We’re getting caught up on logs from October, November and December:

Oct 18 - [5] K5MWC - Bill NCS; K5WKS - Kerry; KI5KRN - Bob; WB0UNI - Jim; N5WVS - George

Oct 25 - NO NET; GENERAL MEETING

Nov 1 - [5] K5MWC Bill NCS; KI5KRN - Bob; WB0UNI - Jim; KI5YGD - Drew; Core Topic - SET

Nov 8 - [6] K5WKS Kerry (NCS); KI5KRN Bob; WB0UNI Jim; W5BJ Bob; WW9K Eric; KI5VFI Victor

Nov 15 - NO NEY; GENERAL MEETING

Nov 22 - [5] K5MWC Bill NCS; AF5XZ Gary 1st time; WB0UNI Jim; KI5KRN Bob; KI5AON/M Bob; Core Topic - Do you use digital, and if so, which ones and which is your favorite?

Nov 29 - [7] K5MWC Bill NCS;K5WKS Kerry; AA5AH Robert Walking Mobile; WB0UNI Jim; KI5KRN Bob; W5KEY John 1st time; KG5HCL/M RJ; Core Topic - What would you like under the Christmas tree for your station?

Dec 6 - NO NET; CHRISTMAS PARTY

Dec 13 - [7] K5WKS Kerry (NCS); K5MWC Bill; KI5KRN Bob; WB0UNI Jim; AF6XZ Gary; W6BJ Bob; KC5MVE Paul

Dec 20 - [8] K5MWC - Bill - NCS; K5WKS - Kerry; AF5XZ - Gary; KI5KRN - Bob; WB0UNI - Jim; AA5AH - Robert; KC5MVE - Paul; KI5AON - Robert

Average participation for this period: 7

Average participation for the previous period: 8

Net record for check-ins: 10

The Drive Home Net is intended for comments on amateur radio topics, listing items for buy/trade/sell, asking questions or contacting others on frequency. We hope you’ll give it a try soon. We’ve had some great conversations of late.

December CARC VE Test Session Report

ARRL VE Test Sessions are held immediately following the monthly CARC Meeting at Poor Richard’s Cafe, 2442 K Avenue, Plano TX 75074.



All levels of exams are being offered; BUT YOU MUST REGISTER IN ADVANCE IN ORDER TO BE ASSURED A SEAT. We also need to know who is coming in case we have to cancel due to Covid-19 declarations.

Contact Kerry Weeks K5WKS at 214-478-3230 or via email (weeks.kerry@gmail.com) to register. Kerry will discuss the exam fees, what you need to do prior to the exam and what to bring to the test session. More info is available at: <http://www.arrl.org/what-to-bring-to-an-exam-session>

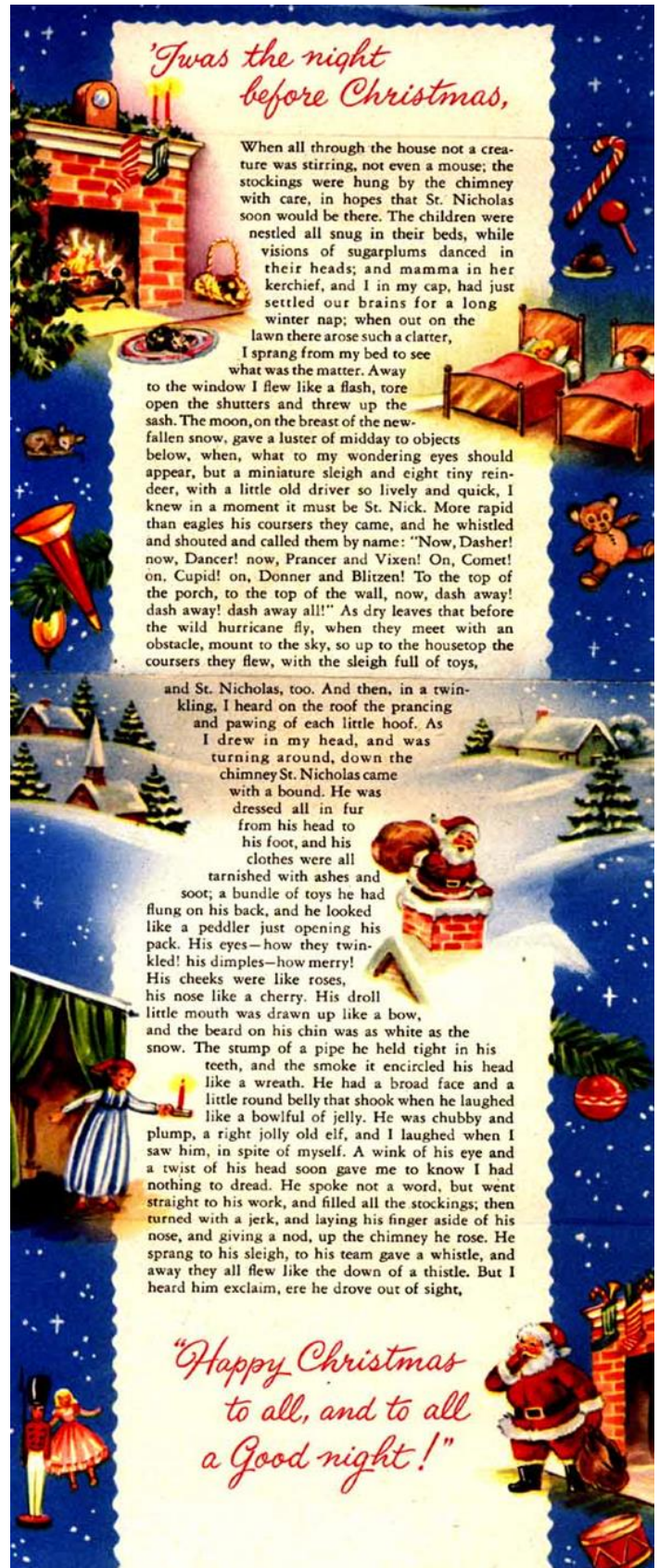
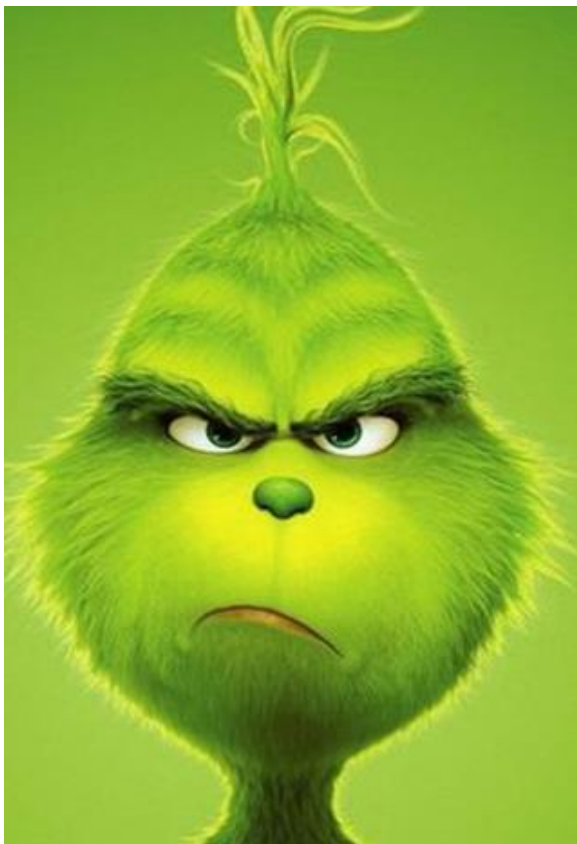
We had no candidates for testing at the November meeting, and there was no regularly-scheduled test session in December due to the Christmas Party.

If you are an ARRL VE and would like to volunteer for future test sessions, contact Kerry at the email/phone shown above. If you are accredited through another VEC, Kerry can give you info on how to get accredited with the ARRL VEC.

CARC Community Service Activities

Siren Testing Dennis Cobb WA8ZBT and Jim Skinner WB0UNI participate in the Richardson emergency siren testing. The December test was Cancelled due to 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. The Garland December siren test was also 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 all suspicious activities to the police department.





New Collins Building Access Restrictions

Per Security, all "non-essential" access to Collins Aerospace facilities (including employee recreation activities) is shut-down until the Covid-19 pandemic is resolved. Anyone needing access to the Club Station must submit an email request to Security with an explanation of who, when and why access is needed, and the Security team will review, and if approved, the person will only be allowed access via the North Gate. For contact information, send an email to kr5n@arrl.net asking for Security contact information.

 FYI—Until further notice, masks are now required inside all Collins buildings. Also, a temperature check is required before entering the property. During busy hours there is a manned tent near the north gate where the temperature check is performed. During off hours, there is a place at the north gate for a self-check.

Upcoming Events

Daily	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. 442.7 (+5) MHz, PL=110.9 Hz (K5QHD 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

JANUARY

1 **Straight Key Night** This event is dedicated to celebrating our CW heritage. Participants are encouraged to get on the air and simply make enjoyable, conversational CW QSOs. The use of straight keys or bugs to send CW is preferred. No points are scored and all participants are winners. Operation is from 0000 through 2359 UTC. Details at www.arrl.org/straight-key-night.

7-8 **RTTY Roundup** Objective: Amateurs worldwide contact and exchange QSO information with other amateurs using digital modes on 80, 40, 20, 15, and 10 meter bands. Any station may work any other station. Stations may be worked once per band, regardless of mode. Operation is from 1800 Saturday thru 2400 UTC Sunday. Details at <http://www.arrl.org/rtty-roundup>

21-23 **JANUARY VHF** Objective: For amateurs in the US and Canada to work as many stations in as many 2 x 1 degree Maidenhead grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada may only work stations in the US and Canada. Operation is from 1900 Saturday thru 0359 UTC Monday. Details at <http://www.arrl.org/january-vhf>

FEBRUARY

18-19 **International DX—CW** Objective: To encourage W/VE stations to expand knowledge of DX propagation on the HF and MF bands, improve operating skills, and improve station capability by creating a competition. W/VE amateurs: Work as many DX stations in as many DXCC entities as possible on the 160, 80, 40, 20, 15, and 10 meter bands. DX stations: Work as many W/VE stations in as many of the 48 contiguous states and provinces as possible. The event runs 48 hours, from 0000 UTC Saturday through 2359 UTC. Details at <http://www.arrl.org/arrl-dx>.

TEXAS  FIXINS

POOR
Richard's
CAFE

We encourage you to dine at Poor Richard's Cafe, and, thank them for allowing us to hold our meetings in their facility.

—  —

2442 K Avenue, Plano 75074
<https://poorrichardscafe.com>

Need another Badge or Coffee Mug?



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

**You've heard of the MLB ...
 Now, welcome the MBL ...** 

“Muncha Buncha Lunch” – every Thursday, 1 p.m. at Poor Richard’s Cafe

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

PERIODIC TABLE OF SELECT AMATEUR RADIO CONTESTS 2022

Start Day (UTC) → 1 → 2 → End Day (UTC)
 Start Time (UTC) → → → End Time (UTC)

Contest Name → Select Contest of weekend as chosen by NQGE

Multimode CW Digital
 off-the-air SSB VHF/UHF

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1 0000Z Straight Key Night	15 2300Z NA Sprint CW	6 0000Z ARRL DX SSB	2 1500Z SP Polish DX	3 1300Z 7OP/N/DE/ New England QSO Parties	8 1200Z Tisza Cup CW	5 1100Z Marconi Memorial HF	3 1800Z NAQP CW	7 0000Z CWops CW Open	31 2100Z California QSO Party	25 0000Z ARRL SS CW	7 1500Z ARRL 160
8 1800Z ARRL RTTY Roundup	12 2400Z CQ WPX RTTY	13 0000Z NA Sprint RTTY	14 0400Z JIDX CW	15 1200Z CQ-M DX	11 1100Z ARRL June VHF	9 1200Z IARU HF	10 1200Z WAE CW	14 2300Z WAE SSB	10 0000Z Oceania CW	12 0000Z WAE RTTY	11 2300Z ARRL 10
15 1800Z NAQP CW	16 0500Z ARRL DX CW	19 2400Z Russian DX	20 1200Z CQMM DX	17 2300Z Contest University Dayton Hamvention	18 1700Z All Asian CW	16 2400Z CQ WW VHF	17 1800Z NAQP SSB	21 0600Z WAN/JNH/TX QSO Parties	18 varies Worked All Germany	19 0300Z ARRL SS SSB	17 2300Z RAC Winter
22 1800Z NAQP SSB	23 0500Z CQ 160 SSB	25 2300Z CQ WPX SSB	27 1100Z SP DX RTTY	23 1300Z CQ WPX CW	28 0000Z ARRL Field Day	25 2400Z ARL Field Day	26 1800Z WW Digi	23 1200Z CQ WW RTTY	24 1200Z CQ WW RTTY	22 0000Z CQ WW CW	23 2400Z Happy Holidays
28 2200Z CQ 160 CW	30 2100Z CQ 160 CW		30 1600Z Florida QSO Party	1 2100Z CQ 160 CW		30 1200Z RSGB IOTA	31 1200Z CQ WW SSB		29 0000Z CQ WW SSB	30 2400Z CQ WW SSB	



Richardson, Texas
www.N5CXX.us

**PO Box 830766
Richardson, TX 75083-0766**

TO:



Richardson, Texas
www.N5CXX.us

CLUB STATION (972) 705-1349
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, NRCXX-N2 & N5CXX-N3 HSMM-MESHNET Nodes 2.4 GHz

Membership Meeting Tuesday 24 JANUARY 2023 5:30 PM THE MEETING WILL BE AT Poor Richards Café Plano TX
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NEXT SIGNALS INPUTS DEADLINE: →→→ 13 January 2023 ←←←
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