

CARC
Membership Meeting

Tuesday 24 May 2022 5:30 PM
NOTE THE TIME CHANGE

The May 2022 Meeting will be at

Poor Richards Café Plano TX

Field Day Planning

May General Meeting

The May general meeting will be conducted in-person and via Zoom at Poor Richard's Cafe in Plano. The program will consist of discussion of Field Day rules, individual participation and joint operation with the Garland ARC.

Dennis Cobb WA8ZBT Contest Operating

On May 7 and 8, 2022 I operated in the Indiana QSO Party, 7th Area QSO Party, Delaware QSO Party and The New England QSO Party. N1MM Contest Software has one program to let you operate in all 4 contests with only one log. I made 287 CW contacts total for all 4 contests.

On May 14, 2022 I operated in first ever VE4, VE5 and VE6 contests, called the Canadian Prairies QSO Party. I made 16 CW contacts.

K1USN Slow Speed Test is on every Friday from 2000-2100 UTC (3 to 4 PM CDT) and also on Monday morning 0000-0100 Hours UTC (Sunday Evening 7 to 8 PM CDT). Maximum Speed is limited to 20 WPM but a lot of stations send slower than 20 WPM. This is a good way to get your code speed up. Look for stations about 25 to 45 kHz above the bottom of the band.

Field Day - 2022

Field Day is right around the corner - it's always the last full weekend of June, and this year it takes place on Saturday and Sunday, June 25 and 26. Just about everything you need to know about Field Day is available



at <https://www.arrl.org/field-day>

"Field Day" will be our program topic at the May 24th Collins ARC General Membership Meeting. We plan to give an overview of the rules and general operating recommendations. Our Club is participating jointly with the Garland Amateur Radio Club at a great facility at the Hella Shrine Temple at 2121 Rowlett Road in Garland. We have use of a great pavilion with rest rooms and use of a portable tri-band beam courtesy of the Garland OEM.

The Collins Club is providing one of the HF stations which we plan to staff for the full 24 hours. Several members have indicated that they plan to operate. If you'd like to be an operator of the Collins station, please send your name, call, email address and phone number to kr5n@arrl.net. After the May 24th meeting, we'll ask for everyone's 'wish-list' for operating times and try to accommodate everyone.

We're planning 3 HF stations: Radio 1 will start off on 10M and drop to 40M later in the day.

Radio 2 will start off on 15M and move to 80M in the evening and overnight. Radio 3 will probably be on 20M full-time. Any radio can be used for phone, CW or FT8. At this time, computers will be loaded with N3FJP logging software, JTAlert and WSJT-X.

If you plan to use a headset, you must bring your own. The same is true for CW - bring your own key or paddles. All radios will be Icom IC-7300.

We're trying something new this year. The tri-band beam coax will be split into 10M, 15M and 20M using a tri-plexer with follow-on bandpass filters. 40 and 80 will be accommodated with wire antennas.

Our Club is contributing \$200 toward the food for the Saturday evening meal and snacks. More details will be upcoming. Everyone is on their own for lunch on Saturday and Sunday and for Sunday breakfast.

We will operate the full 24 hours. There's a nice grassy area near the pavilion on which to pitch small tents.

For those who plan to operate from home, we encourage you to submit your Field Day report per the rules and contribute your score to the "Collins Amateur Radio Club." Those of us helping with the Garland Club will obviously be adding points to their score because we'll be using their call sign - K5QHD.

(Continued on page 5)

CARC OFFICERS	
PRESIDENT Frank Krizan KR5N 214-563-6679 kr5n@arri.net	VICE-PRESIDENT Bill Swan K5MWC 972-529-3906 bill@swanshome.net
SECRETARY Jim Brown AF5MA 972.495.2209 jhksbrown@verizon.net	TREASURER Rohan Thomas KG5RCN 972.697.3512 Rohan7066@yahoo.com
ACTIVITIES CHAIRMAN Kerry Weeks K5WKS 214-478-3230 weeks.kerry@gmail.com	WEBSITE MANAGER Mike Hollingsworth W5QH 972.571.6060 w5qh@arri.net
STATION TRUSTEE Bob Kirby K3NT 319.360.0500 k3nt@arri.net	NEWSLETTER EDITOR Jim Skinner WB0UNI 214.535.5264 wb0uni@arri.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.

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The Prez Sez

with KR5N



Well, just when we thought things were getting back to normal, Collins Aerospace has once again imposed Covid-19 restrictions. Therefore, our unescorted access to facilities, including the Radio Room, is once again restricted. As soon as we learn that access is resumed, we'll communicate via HCOL bulk email.

The Covid restrictions caused the cancellation of the CA Employees Fun Days in May. There is no word on if and when it may be re-scheduled.

As mentioned last month, we've decided to operate Field Day in conjunction with the Garland Amateur Radio Club. More details are included in another article elsewhere in this edition of SIGNALS. Our program topic for the May 24th meeting will be on Field Day plans. We hope you can make the meeting either in person or via Zoom.

Activity on the Drive Home Net on Tuesdays has been increasing. We set a new record of 10 people in May. If we would have had a few of our other regulars, we would have had additional records set.

We continue to meet at Poor Richard's Cafe until we get the go-ahead to meet at the Richardson Methodist Medical Center at Renner and George Bush. The conference rooms are still not available for public use.

In order to keep business matters from clogging up our Membership Meetings, virtually all business is conducted at the monthly Board of Directors meetings. Attendance at the Board meetings is open to all members. Board meetings are held via Zoom and start with a workshop allowing for open discussion of current Club business topics. If needed, appropriate motions are developed for the formal Board

Meeting - which only takes a few minutes. The typical workshop runs about an hour and a half. We would like to see more members attend the Board workshop and meeting to add comments on pertinent topics.

We need your help in recruiting more members. If you're an employee and know of hams in your department or that you encounter in your work, let them know about our club and website and encourage them to attend a meeting and consider joining. Same thing for retirees. There are many retirees who we know were licensed years ago and don't know that our Club still exists. And now that we allow for the general public to be Associate Members, invite your friends. Our club has hosted some of the better technical programs given to hams in DFW and even throughout the US.

Our meeting in June (June 28th) is right after Field Day, and we'll have open discussion on everyone's participation in Field Day - whether with the organized GARC/CARC event or individual operation from home or in the outdoors.

... and a great meeting to invite prospective members to is our July meeting (July 26th) at Poor Richard's Cafe — it's our Annual Ice Cream Social. Some good Blue Bell and ham talk — what more do you want?

I hope to see you at Field Day!

73 de Frank KR5N

Vice President/Membership Chairman Report

Membership Chairman Report – No new members were added during the last reporting period.

Current Membership - 56

Full Members – 40 (Includes Life and Retiree Members)

Associate Members - 16

Updated Membership status - 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

26 April 2022

President Frank Krizan KR5N called the meeting to order at 1730. The meeting was in-person at our meeting site at Poor Richard's Café in Plano. Zoom access was also provided for those not able to meet in person.

The following were present at the meeting site:

Brian Belcher	WA5M
Jim Brown	AF5MA
David Cheek	WA5MWD
Mark Dempsey	N5MP
Gene Duprey	K1GD
Bill Fell	KK5PB
David Hampton	
Paul Jarvis	KC5MVE
Frank Krizan	KR5N
John McFadden	K5TIP
Clarence Sebesta	K5YO
James Harper	KK5Y
Jim Skinner	WB0UNI
Jim Stafford	W5DTG
Bill Swan	K5MWC
Rohan Thomas	KG5RCN
Kerry Weeks	K5WKS
Mark Wells	K9MDI
Milt Withers	AD5XD

The following logged in via Zoom:

Bob Chandler	KI5KRN
Bob Coulbourne	W4FTD
Bob Kirby	K3NT
Michael Walker	VA3MW

Officer and Committee Reports

The Vice President's and Secretary's reports were published in the April 2022 CARC Newsletter, and no clarifications or updates were offered at the meeting. The Treasurer's Report was presented at the meeting by Treasurer Rohan Thomas KG5RCN.

Old Business

There was no old business.

New Business

Initial planning for ARRL Field Day was discussed by Frank Krizan. CARC and the Garland Amateur Radio Club (GARC) will participate jointly at the Hella Shrine Center in Garland using the GARC call of K5QHD. Volunteers were solicited to operate at the around-the-clock event, and response was good. Optional additional activities at other sites were discussed, but no plans were established.

Announcements

Renewing member Jim Stafford and visitor David Hampton were introduced.

Frank Krizan announced the following:

- The May 24 meeting will cover Field Day planning.
- Collins Aerospace Fun Days will be held on May 17 and 18 during the lunch hour; CARC is planning to participate.
- The Jun 28 meeting will include a post-Field Day wrap-up.
- The July 26 meeting will be the annual Ice Cream Social.

Adjournment

The meeting was adjourned at 1813, followed by a presentation on FlexRadio products and technologies by Michael Walker VA3MW via Zoom.

Field Day – 2022 (Continued from page 1)

If there are one or two folks who would like to operate a group outdoor operation on behalf of the Collins Amateur Radio Club, please contact Bob Kirby, K3NT, Club Trustee for N5CXX, about using the Club call. The official Club name for Field Day reports is “Collins Amateur Radio Club.”

If you’re new to Field Day and submitting reports, we’ll have help available at the June meeting, which is right after Field Day.

Now the last word: Take a good look at <https://www.arrl.org/field-day> and STUDY the rules. Bring your questions to the May meeting.



Minutes of CARC Board of Directors Meeting

10 May 2022

President Frank Krizan KR5N called the meeting to order on-line via Zoom at 1902.

The following logged into the meeting:

Jim Brown	AF5MA
Bob Chandler	KI5KRN (Non-voting participant)
Bill Fell	KK5PB (Non-voting participant)
Frank Krizan	KR5N
Bill Swan	K5MWC
Kerry Weeks	K5WKS

Pre-Meeting Workshop

Directors and other members present participated in a pre-meeting workshop beginning at 1902 to discuss a range of topics and develop motions as needed for action by the Board at the formal meeting summarized below.

Topics covered in the workshop included the following:

- CARC participation in the Collins Aerospace Fun Days. A current rise in the Covid threat at Collins may delay or cancel Fun Days, but CARC representatives were identified to attend if the event occurs as planned.
- Club participation in the upcoming ARRL Field Day in June will be as part of a joint effort with the Garland ARC as approved at the last CARC general meeting. A motion was formulated to provide some funding for the event; see Board Actions below for motion details.
- The previously-discussed plan to schedule a monthly CARC supper with families invited was revisited and canceled due to apparent lack of interest in the near-term. A motion was formulated for action as documented under Board Actions below.
- CARC practices for handling renewal of members whose memberships have lapsed were discussed. It was agreed that changes to the Constitution were not required, but standing orders were needed. This is being reviewed for action at a subsequent Board meeting.

Board Actions

The formal Board meeting was declared at 2021. Bill Swan K5MWC moved to accept the agenda as presented; Kerry Weeks K5WKS seconded. There were no objections.

It was moved by Bill Swan and seconded by Kerry Weeks that the plan for regular CARC suppers be suspended. The text of the motion was as follows:

“It is moved that the CARC monthly supper previously planned for the 2nd Saturday of each month be discontinued.” The motion passed unanimously.

It was moved by Bill Swan and seconded by Jim Brown AF5MA that the CARC provide limited funding to the Garland ARC for food at the upcoming Field Day event. The text of the motion was as follows:

“It is moved that the Collins ARC contribute \$200 to the Garland ARC to subsidize food expenses for the joint Field Day event.” The motion passed unanimously.

Adjournment

Moved at 2024 by Kerry Weeks and seconded by Bill Swan.

Drive Home Net Report - May 2022

The Collins ARC Drive Home Net continues on Tuesdays from 5:30 to 6:00 pm on the N5CXX Repeater 441.875 MHz, +5 MHz, PL=131.8 Hz. The Net is not held on the Tuesdays of the monthly membership meeting or on Tuesdays of social events and holidays.



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

THIS MONTH'S LOG:

APR 19 - [10] K5WKS Kerry NCS' K5MWC Bill' KI5KRN Bob; WB0UNI Jim; N5REG Robert; KG5UFR Jacob; N5JJC Mark; W5BJ Bob; AC5BC Bill; N5WSV George.

APR 26 - NO NET; GENERAL MEETING

MAY 3 - [7] KR5N Frank NCS; K5MWC Bill; KG5UFR/m Jacob; K5WKS Kerry; WB0UNI Jim; KI5KRN Bob; KC5MVE Paul.

MAY 10 - [6] KR5N Frank NCS: W5BJ Bob; K5WKS Kerry; KG5UFR/m Jacob; WB0UNI Jim; KI5KRN Bob.

Average participation for this period: 8

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.

Beginning in June, we will focus on a specific topic each week. As before, discussion and comments on just about anything is allowed; however, we hope to stimulate some serious discussions that can help one another. Here's the list of topics for June:

JUN 7 - What digital modes do you use or would like to learn about?

JUN 14 - Have you ever built a crystal (XTAL) radio? Are you interested in learning about them?

JUN 21 - Do you use any kind of J-pole antennas? Ever built any? Want to learn about them?

JUN 28 - NO NET; GENERAL MEETING

Using Phonetics to Improve Communications

Doug Mansor, WA8UWV, PCARS

If you've been a ham for a few years, you are probably aware of the phonetic alphabet and have used it or at least have heard it being used on the air. As a new ham, you might have encountered the phonetic alphabet while studying for the test but stashed it away in the back of your mind for later study if needed.

The phonetic alphabet we use as hams is sometimes referred to as the NATO phonetic alphabet, and is considered the standard for general use on the air. It consists of words that represent corresponding letters of the alphabet. It is important to use this standard to prevent being misunderstood on the air, such as when giving your call sign, location, or name to a rare DX station or any station under noisy conditions.



It may be fun to create a unique set of phonetics to represent your call sign, but that is not likely to improve communication. When the standard phonetics are used, you will eventually learn to associate that word with the corresponding letter. It's the same mechanism that is used to interpret Morse code. Instead of thinking of "dit dit dah dit" as the letter

"F," you simply hear "F" when that code is presented. So, instead of hearing the word "bravo," you would actually hear the letter "B." If the other station uses nonstandard words to represent the letters in their call sign, you would have to take the time to think how each word is spelled and then what the first letter is. By the time you have accomplished all that, you will have missed the next two words (letters). For example, my call is WA8UWV. If I say, "Whiskey Alpha Eight Uniform Whiskey Victor," it would be readily understood. If I say, "We all ate ugly white vegetables," it would take a while to translate.

When checking into a net, the Net Control Station (NCS) is often required to report the call signs of stations reporting in. If a letter of the reporting station's call is misinterpreted, the NCS report will be incorrect. In regard to the Platinum Coast Amateur Radio Society (PCARS) net, where ten check-ins for each week in a row will entitle you to a certificate, an error in reporting your call might cause a disqualification.

How easy is it for a letter to be misunderstood? I have often mistaken similar sounding letters.

As an example, the following groups of letters tend to sound similar.

Sounds Alike: BCDEGPTVZ AJK QUW IY SX

This group of letters tend to have unique sounds and are less likely to be mistaken.

Unique Sounding: FHLMNOR

As you can see, more letters have the potential to be mistaken than not. The results are highly dependent on the enunciation practiced by the speaker and radio conditions.

(This article used with permission of the ARRL Club News of April 19, 2022.)

May 2022 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's 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>

Two candidates presented for testing at the April 2022 meeting. David Hampton, KI5VFI, of Plano, and, Jeffrey Booher, KI5VFT, of Garland, are among our newest Technician Class licensees. If you hear them on the air soon, be sure to welcome them into the hobby.

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. And, if you are a General, Advanced or Extra Class licensee, contact Kerry about becoming a VE. The application is easy and requires an 'open book' test to ensure you have basic knowledge about the VE process.

CARC Community Service Activities

Siren Testing Dennis Cobb WA8ZBT and Jim Skinner WB0UNI participate in the Richardson emergency siren testing. The May test was cancelled due to inclement 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, which is designated as the backup repeater. The Garland siren test was also cancelled. CARC members who were on standby to observe sirens included: W5BJ, Bob Jones; W5DTG Jim Stafford; and, N5REG Robert Geraldon. The Garland Siren Test is conducted at Noon on the first Wednesday of each month, barring inclement weather, and, is conducted on the Garland ARC repeater - 146.66 MHz. (N5TIM John Galvin Test Coordinator and NCS).

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.

**You've heard of the MLB ...
Now, welcome the MBL ...** 
"Muncha Buncha Lunch" – every Thursday, 1 p.m. at Poor Richard's Cafe

Hired a handy man and gave him a list. When I got home, only #1, 3, & 5 were done. Turns out, he only does odd jobs!

"I am often asked how radio works. Well, you see, wire telegraphy is like a very long cat. You yank his tail in New York and he meows in Los Angeles. Do you understand this? Now, radio is exactly the same, except that there is no cat." -Attributed to Albert Einstein

So I bought a new transceiver and she asked...



"Are you going to sell any of your old ones?"

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. 441.875 (+5) MHz, PL=131.8 Hz, 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
JUNE	
4-5	International DX Contest — Amateurs worldwide contact and exchange QSO information with other amateurs using any digital mode (excluding RTTY) that supports the 4-digit Grid Square exchange — attended operation only -- on the 160, 80, 40, 20, 15, 10 and 6 meter bands (Technicians are limited per FCC Rules to the 10 and 6 meter bands). Any station may work any other station. Stations may only be worked once per band, regardless of mode. Automated operation is not permitted -- each claimed contact must include contemporaneous direct initiation by the operator on both sides of the contact. Begins 1800 UTC Saturday, ends 2359 UTC Sunday. Details at http://www.arrrl.org/arrrl-digital-contest .
11-13	June VHF For amateurs in the US and Canada (and their possessions) to work as many amateur stations in as many different 2 degrees x 1 degree Maidenhead grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada (and their possessions) may only work stations in the US (and its possessions) and Canada. All legal modes are permitted. Details at http://www.arrrl.org/june-vhf
18	Kids Day Twice a year, ARRL offers an event designed to promote Amateur Radio to our youth. Share the excitement with your kids or grandkids, a Scout troop, a church or the general public! Kids Day is designed to give on-the-air experience to young people and hopefully foster interest in getting a license of their own. It is also intended to give older hams a chance to share their station and love for Amateur Radio with their children. Details at http://www.arrrl.org/kids-day
25-26	Field Day Objective: To contact as many stations as possible on the 160, 80, 40, 20,15 and 10 Meter HF bands, as well as all bands 50 MHz and above, and to learn to operate in abnormal situations in less than optimal conditions. Details at http://www.arrrl.org/field-day .

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@arrrl.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.

TEXAS  FIXINS

POOR

Richard's

CAFE

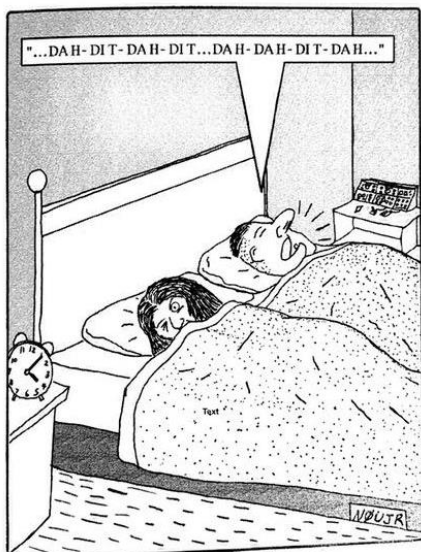
We encourage you to dine at Poor Richard's Cafe, and, thank them for allowing us to hold our meetings in their facility.

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>



Post Field Day syndrome.

"NDUJR and His Friends" Cartoons used by Permission from Greg Trook, NDUJR

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 → End Day (UTC)
 Start Time (UTC) → 2 → 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 0900Z Straight Key Night	15 2355Z NA Sprint CW	6 0900Z ARRL DX SSB	2 1900Z SP Polish DX	3 1300Z 7OP/N/DE/ New England QSO Parties	7 1200Z Tisza Cup CW	8 1100Z Marconi Memorial HF	3 1400Z NAQP CW	6 0900Z CWops CW Open	3 2100Z California QSO Party	2 0300Z ARRL SS CW	4 1600Z ARRL 160
8 1800Z ARRL RTTY Roundup	12 2400Z CQ WPX RTTY	13 0900Z NA Sprint RTTY	9 0700Z JIDX CW	10 1300Z CQ-M DX	11 1100Z ARRL June VHF	9 1200Z IARU HF	10 1200Z WAE CW	11 2300Z WAE SSB	8 0900Z Oceania CW	12 0900Z 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 1800Z CQ WW VHF	20 1800Z NAQP SSB	17 varies WAN/NH/TX QSO Parties	15 1300Z Worked All Germany	19 0300Z ARRL SS SSB	17 2300Z RAC Winter
22 1800Z NAQP SSB	23 0500Z CQ 160 SSB	25 2100Z CQ WPX SSB	27 2400Z SP DX RTTY	24 1200Z CQ WPX CW	25 2400Z ARRL Field Day	23 3100Z ARL Field Day	27 1200Z WW Digi	24 0000Z CQ WW RTTY	22 1300Z CQ WW RTTY	23 0000Z CQ WW CW	24 Happy Holidays
28 2200Z CQ 160 CW	30 2100Z CQ WW SSB		30 1400Z Florida QSO Party	1 2100Z RSGB IOTA		30 1200Z RSGB IOTA	31 1200Z CQ WW SSB		29 0900Z 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 May 2022 5:30 PM NOTE THE TIME CHANGE THE APRIL MEETING WILL BE AT Poor Richards Café Plano TX
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NEXT SIGNALS INPUTS DEADLINE: →→→ 17 June 2022 ←←←
