



K5PRK Newsletter

The PARKing Ticket

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KB3DVS**

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Monday July 18, 2022 - 7:00 pm

[First Klub Auction – Bring your stuff!](#)

This month's **General Klub Meeting will be in-person** at the [First United Methodist Church Plano](#) on the corner of Parker Rd and Spring Creek. Zoom will NOT be available for this meeting.

The ARRL Foundation has announced the winners of its various scholarships. The Plano Amateur Radio Klub is proud to announce that 2022 Amateur Radio Digital Communications (ARDC) Scholarships have been awarded to the following PARK members:

Katherine Forson KT5KMF of Plano, Texas, \$25,000.00

Omar Abioye, KI5KDF, of Plano, Texas, \$10,000.00

(Omar has an article in the [August QST](#). **Congrats!!**)

Godwin Duan, AA1GD, of Plano, Texas, \$10,000.00

CONGRATULATIONS Katherine, Omar and Godwin

Here's a link to the [news article about the winners:](#)

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Future Club Meeting Programs:

Aug 15, 2022	TBD	TBD
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From the President:

It's HOT!!!

Let's all be careful while outside. With the temperatures topping 100 degrees, try to limit your outdoors activities and when you do need to be outside, stay hydrated and take a break inside, more often. Stay safe and healthy so you don't miss our next meeting

Speaking of the next meeting, the program for July will be an AUCTION where you can pass on gear you no longer want or need; and possibly pick up a much needed treasure from some one else. PARK has received a few donations lately and most of that gear will be auctioned off. A sample list includes:

- *ICOM 735 HF radio, 100 watt.
 - *A couple of mag mounted VHF antennas.
 - *Comet 5/8 wave VHF/UHF mobile antenna (mag mountable).
 - *MFJ -886B hand held frequency counter.
 - *10 meter to 2 meter transverter for using an HF radio for 2 meter SSB.
 - *MFJ CW translator.
 - *Motorola Astro Spectra mobile P25 Radio.
 - *Connect Systems CS800D. Dual band VHF/UHF plus DMR mobile radio.
- And More.....

More information on the auction can be found elsewhere in [this newsletter issue](#).

From an operating standpoint, with daylight extending into the evening hours, the opportunity is here to log some good DX on the typical "Day Time" bands (10, 15, 17 meters) albeit at a more convenient time. As I'm typing this (almost 8:00 pm) 17 meters is still open to Europe. Good DX.

73 and see you at this month's meeting,

Tim Johnson K5TCJ

President PARK

Treasury report for July:

Beginning Balance - 7/1/22

Prosperity \$ 9,465.82

PayPal \$ 27.98

Petty Cash \$ 58.00

Beginning Balance Subtotal \$ 9,551.80

Planned Debits

AT&T \$ (53.76)

Debits Subtotal \$ (53.76)

Checks \$ (163.45)

Debits \$ (217.21)

Credits \$ -

Credits Subtotal \$ -

Ending Balance \$ 9,334.59

Pre-approved Expenses

Funded Projects \$ 2,400.00

Annual Recurring Costs \$ 2,300.00

Pre-approved Expenses Subtotal \$ 4,700.00

Available Funds \$ 4,634.59

Welcome New Member

David Johnson - N5DKJ

The 2022 Field Day is in the books.

Scores are still being collected, but it looks like we had a strong performance from both the onsite team at Hoblitzelle Park and people operating from home. In fact, at least one operator did both!

It was a hot day obviously. Despite that, we had good participation setting up the antennas as well as operating our radios. The CW operators made over 70 contacts in 7 hours. CW had contacts from coast to coast and from the Rio Grande to Minnesota.

SSB had about half as many contacts. Most of the activity was on 40 and 15 meters. However, Anthony Burokas had a contact in Minnesota on 6 meters!

Another highlight was a visit from the Plano Fire Department to show us their mobile command station. That was an impressive rig. The A/C made it a welcome break from the 100 degree heat too! Perhaps PARK should think of converting a school bus to make a Field Day station.

As of now, our score for Field Day should be at least 1170 and that's not including scores from our at-home operators.

At this time 3 individuals have submitted their home logs. [Field Day Entry \(arrl.org\)](https://www.arrl.org/field-day-entry)

Be sure to use **'Plano AR Klub'** as the club name. [Field Day Entries Received \(arrl.org\)](https://www.arrl.org/field-day-entries-received) has all of the submitted logs. I'll provide a final score from all our Field Day entries for the August newsletter.



WHAT TO EXPECT FROM OUR HF AMATEUR RADIO BANDS! A GENERAL DESCRIPTION OF EACH HAM BAND

<https://www.hamuniverse.com/hfbands.html>

160 Meters

1.8-2.0 MHz.

A neighbor to the AM Broadcast band just slightly higher in frequency, 160 has very similar conditions to what you hear on AM Broadcast, quite localized during the day, with long distance capability at night. During the summer months the long distances at night can be several hundreds of miles and during the winter it can be several thousand miles.

Lots of noise created by static crashes hinder communications in the summer months but very nice in the winter! When there is no static, seems like you can hear.....forever!

80 Meters

3.5-4.0 MHz.

80 Meters is very similar to 160 meters but with greater distances especially at night. 80 tends to be a very reliable band less subject to variations of the sunspot cycle and is used a lot for regular net operations and message handling and "local rag chewing".

Again can be very noise prone in the summer static. You will meet lots of "local yocals" and make some very good friends with the "local" gang that hang out here. Various states and groups seem to frequent a particular frequency so tune around.

60 Meters

5.332 - 5.405

Not actually a "Ham Band" but a cluster of 5 frequencies or channels shared with Government users. Many restrictions apply to technical requirements of ham transmitters and antennas. Hams are secondary user of this band, not primary, so we must yield to interference problems with Government stations. 60 meters is much like 80 and 40 meters.

40 Meters

7.0-7.3 MHz

This is many ham's favorite band. It is always open somewhere. During the summer daytime distances of 300-400 miles and night time distances of 1000 miles are very common. Winter days with 500 miles or more are usual and night time conditions bring DX intercontinental communications. This band is shared with short-wave broadcast from countries outside of North America. Between these interfering signals a ham with a reasonable station can work stations worldwide if you can find a clear spot!. Not as affected by the sunspot cycle as 20-10 meters. Many nets frequent 40 meters both day and night. [Check out the 1721 hf Group on 40 Meters](#) (Just a friendly bunch of Hams who think they are one big family! Join them!)

30 Meters

10.100-10.150 MHz.

A lot like 40 meters but can only be used on CW and RTTY. No broadcast interference and has slightly longer range than 40 meters. Daytime ranges of 1000 miles are quite common.

20 Meters

14.000-14.350 MHz.

Just about all of the serious DXers hang out on 20 meters!

This can be a VERY exciting band with some of the best DX found on any band. Around the world daytime communications are generally possible and when the sunspot cycle is peaking 20 can be used around the clock! Not likely to be used for short-range communications. The only way to work someone a few hundred miles away would be scatter or possibly "long path". Ground wave signals of

about 50-75 miles might be all you would expect. At the bottom of the sunspot cycle, openings to other continents are short, rare and few and far between!

17 Meters

18.068-18.168 MHz.

Band conditions are very similar to 20 meters. This seems to be a very popular band when hams go mobile and lots of fun can be expected. You will meet some of the finest Hams in the world on 17 meters. A very cordial band!

15 Meters

21.000-21.450 MHz.

A lot like 20 meters but a bit more flakey.. More influenced by the sunspot cycle. Much less night time activity than 20 meters but at the peak of the sunspot cycle, 15 can provide much greater distances! On the down side, at the bottom of the cycle, 15 may not open for days.

12 Meters

24.890-24.990 MHz.

Very heavily influenced by the sunspot cycle. At the bottom of the cycle it is suitable only for very short distance groundwave communications only, for long periods of time. At the peak of the cycle it is capable of communications over thousands of miles with a minimum of equipment. Another nice mobile band when conditions are right.

10 Meters

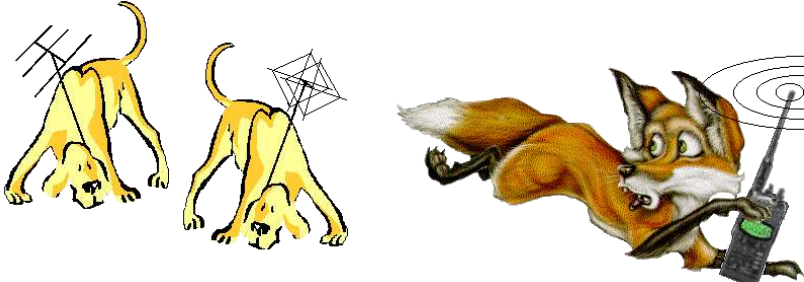
28.000-29.7000 MHz.

This can be a FUN band, when it is open!

This is the HF band most heavily affected by sunspots and the sunspot cycle and it can be erratic and exciting at the same time with lots of Dx for the qsl hunter or just as a fun band. Minimum power and simple antennas can bring you a hundred countries in a short period of time when the sunspot cycle is rising towards the peak. Five watts or even less can work half way around the earth!. Ground wave coverage is 25 miles or so. Lots of beacon stations worldwide for you DX hunters. If you can hear beacons that run very low power on 10 Meters, there is an opening to that part of the world.....keep trying!

Thanks

Tim Johnson, K5TCJ for providing this excellent article.

Fox Hunters in Plano for July Chris Tuti KV2T Brian Murphy WB8QZM Bob Hill KG5WRY Jeff Waite KI5SDS Mark Hammons N5MSH Katherine Forson KT5KMF Rob Forson K5WFR Dwayne Hurta N5HD Adam Butt KE5MMK David Fedorko KF5PFC	Plano area Fox Hunts Wheatley has a website! - https://sites.google.com/view/wheatley-website/home . Be sure to check out Wheatley's new website for up to the minute successful hunter reports, as well as more information on the Fox. 
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Have you ever been to a club auction?

On Monday night - July 18 - the program for the Plano Amateur Radio Klub will feature a Ham Gear Auction.

This auction program, as our general meetings, is open to everyone, club member or not.

Please spread the word to other ham clubs, maker groups, science clubs, etc.

The more the merrier.

THE AUCTION:

Anyone - club member or not - can bring ham radio-related gear to the club meeting to be auctioned off.

You need to label EVERY item with your name or call sign. Masking tape and a marker work just fine.

You bring it with you, and if it doesn't sell - you take it home.

Time constraints may limit the number of items "called" during the auction.

The RULES:

Meeting attendees bring **ham radio-related gear** to the meeting.

Each item must be **PRE-labeled with your call sign** on it - because you will take it home if it doesn't sell.

Participation in the auction **means you** understand and **agree to the rules**.

With **each** item, you can do either:

1) Put your item(s) on a FREE TABLE and the first person who wants it, can take it.

Perfect for old magazines, books, spool of wire, etc.

2) DONATE your item(s) to PARK.

The club will auction them off and keep the proceeds. or

3) SELL your item(s): You set the starting price.

We auction it off and **you agree to give PARK 10%** of the final sale price as a donation.

All items that don't sell, or not taken from the FREE table, **the owner takes back home.**

At the end of the event all items leave with the original owners, or new owners.

Nothing gets left behind.

THE PROCESS

All owner-labeled items will be laid out on tables for review before the meeting and during the break.

When we get to the program portion of the meeting we start the auction.

We suggest transactions be conducted with cash, but final payment method and timing is between the seller and the buyer. We are not responsible for transactions between individuals.

Regardless of the payment arrangements, **the seller is responsible for paying the club it's 10% donation at the time of sale.** Participation in the auction means you understand and agree to the rules. For auction items that may cost a few bucks, really, **bring some cash.** It makes it a lot easier and the club thanks you.

PAYMENTS

PARK can accept Cash, Check, or PayPal.

If you do not have Paypal, **bring Cash or Check.**

Between people, for items SOLD, that is between the Seller and the Buyer.

You can use whatever you want. Zelle, Venmo, Cash App, Apple Pay, Google Pay, etc.

But to purchase auction items from the PARK, or to pay PARK your 10% donation...
You need Cash, Check, or PayPal.

SEE YOU THERE

This should be a very interesting and fun night for everyone involved, and also a great way to get a couple new (to you) things for the shack, or get rid of things you haven't touched in years. I have already started to pile up things in my garage that will go on the Free and the Donation tables. We look forward to having a fun event and seeing what kinds of artifacts pop up at PARK's first annual club auction.

Anthony Burokas
General Class Ham (KB3DVS)
VP: Plano Amateur Radio Klub – <http://k5prk.net>
25-year video producer — IEBA.com

Testing Info

Testing starts at **6:00 PM** at the Church on the third Monday and ends in time for the Klub Meeting for 7:00 PM.

The new FCC rules go into effect on **April 19, 2022**. Therefore, all testing beginning on April 18, 2022 requires the following;

Those taking the Tech Exam for the first time must go to the FCC web site and apply for a FRN number. No one may take a test without first getting a FRN number.

You will be required to pay to the **FCC \$35** before you can be granted a license and a call sign.

The actual **testing fee** remains at **\$14**, payable in cash only, when you come to take the test.

You will also need a picture ID for verification and a copy of your FRN number.

Please go to ARRL and read the notice. Hope to see many new hams.

I would like to invite anyone who would like to help with testing. I would encourage any extra class operator to participate. If interested please let me know. It is a nice way to help new hams get licenses. My email is DM.AF5QJ@gmail.com

73 Daryl Morgeson

Upcoming Activities

- PARK Breakfast Group – Saturdays @ 0700
 - Poor Richard's Café – Plano, Texas
- Monthly PARK Meetings
 - Board of Directors Meeting – 1st Monday 7:00 PM
 - General Meeting - 3rd Monday 7:00 PM
- Weekly Fox Hunts
 - Every weekend in McKinney, Sachse and Richardson or Plano
- Freddy the Fox (McKinneyARC)
 - Found in McKinney from 9am Sat. thru 7pm Sun.
 - TX on 434.500 MHz with a 3-minute cycle. Scan QR Code once found and fill out form.
 - Facebook Page: <https://www.facebook.com/Freddy-The-Fox-109578464255677>
- SARA (SachseARA)
 - Found in Sachse each weekend
 - TX on 146.565 MHz
 - SARA Information: www.sachseradio.org
- Wheatley (RichardsonWK)
 - Found in Richardson approx. 3 weekends per month; in Plano one weekend every other month.
 - TX on 433.250 MHz with a 3-minute cycle. Scan QR Code once found and fill out form.
 - Wheatley's Website: <https://sites.google.com/view/Wheatley-website/home>

Contests

Hamfests



Communication is important in our hobby!



I'm never going to be one of those guys who buys at least one used radio at every hamfest...

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



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

INDUCTION: THE ACT OF INSERTING DUCKS

DEDUCTION: THE ACT OF REMOVING DUCKS



REDUCTION: REPLACING A WORN OUT DUCK WITH A REPLACEMENT DUCK

PARK Repeaters

The Plano Amateur Radio Klub operates five repeaters, which are located in Allen, Texas about 180 feet above ground level. All licensed amateur operators are welcome to join us on the air. All repeaters are open.

**147.180 MHz +
(PL 107.2)**
K5PRK VHF
Voice Repeater

**444.250 MHz +
(PL 79.7)**
K5PRK UHF
Voice Repeater

441.575 MHz +
DStar UHF
Digital Voice Port B

1295.000 MHz – 20.000
DStar 23cm
Digital Voice Port B

1255.000 MHz
DStar 23cm Digital Data

Broadcastify
[K5PRK 444.250](#)
[K5PRK 147.18](#)

Note: If you notice problems with any of the club's repeaters, please contact communications@k5prk.net via email with a detailed description of what the issue is. If we don't know that a repeater is down, we can't fix it.

Short Takes

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A cool Facebook site that had real time updates during the last storms.

[Texas Storm Chasers | Facebook](#)

Download the free Texas Storm Chasers Mobile App at <https://texasweather.app/>

Hams Helping Hams (HHH) was created so younger hams could help our older hams, who are just physically not able to repair or replace things themselves any more. These are our Elmers who were there before us, teaching us how to do things. They helped out their elder hams before we came along. This is an excellent way to pay it back, and to pay it forward to those coming behind Please consider volunteering for HHH or re-volunteer! We have helped older hams get their shack back up and working again. We need 4 or more people that can get up on ladders and on top of the rooftop. Others can be working on the ground, repairing and assembling things. We mostly would work on someone's shack on the weekends. We are looking for volunteers. This isn't an every weekend thing, just as needed. We usually have 5 or so volunteer when we are needed.

Please consider giving back, and help pass along things to those who are beginning in this most excellent adventure!

73's, Michael Payne K5MFP

[Mixw 4 Software](#) Support Ukrainian developers (ad in July QST)

MixW 4 is a new multi-mode, multi-platform software for radio amateurs.

Three in one (Logger, Digital, Contests)

Digital mods including FT8 and FT4 with proprietary digital signal processing algorithms
Unique CW software algorithm with fine-tuning for solid (FB) signal.

Convenient interface with the ability to multi-window, customize fonts, and display

A wide range of macros allowing for faster communication

Contest mode with support for modules with extended statistics – you can write contest modules yourself

User-Defined Contest – take part in any contest

Simple scripting programming language to write additional modules and statistics by yourself.

- Anyone in PARK use this software?

t.



Webb's First Deep Field (NIRCam Image)

NASA's [James Webb Space Telescope](#) has delivered the deepest and sharpest infrared image of the distant universe so far. Affectionately known as Webb's First Deep Field, this is galaxy cluster SMACS 0723 and it is teeming with thousands of galaxies – including the smallest, faintest objects ever observed.

Webb's image is approximately the size of a grain of sand held at arm's length, a tiny sliver of the vast universe. The combined mass of this galaxy cluster acts as a gravitational lens, magnifying more distant galaxies, including some seen when the universe was less than a billion years old. This deep field, taken by Webb's Near-Infrared Camera (NIRCam), is a composite made from images at different wavelengths, totaling 12.5 hours – achieving depths at infrared wavelengths beyond the Hubble Space Telescope's deepest fields, which took weeks. And this is only the beginning. Researchers will continue to use Webb to take longer exposures, revealing more of our vast universe.

ARRL News

ARRL magazines

QST - ARRL's Monthly Membership Journal - www.arrl.org/qst





On the Air - NEW! Beginner to intermediate level help and advice - www.arrl.org/On-the-Air-Magazine

QEX - The Forum for Communications Experimenters - www.arrl.org/QEX

NCJ - National Contest Journal - www.arrl.org/NCJ

Listen to [ARRL Audio News](#), available every Friday.

ARRL Podcasts Schedule

	Visit the ARRL Learning Network (a members-only benefit) to register, check on upcoming webinars, and to view previously recorded sessions.
	The latest edition of Eclectic Tech (Episode 63) : The Carrington Event of 1859 ranks among the most intense solar eruptions in recorded history. As we approach the peak of the current Solar Cycle, which is estimated to occur in 2026, could it happen again?
	About ARRL Audio News ARRL Audio News is a summary of the week's top news stories in the world of Amateur Radio, along with interviews and other features. Enjoy ARRL Audio News anywhere: on your smart phone or tablet, your local repeater, or stream it on the go! How to Listen to Audio News ARRL Audio News is distributed through the podcast host Blubrry.com . You can subscribe to the podcast via your IOS or Android mobile device using your favorite podcast app, or listen and download episodes direct from the Audio News page at Blubrry.
	The latest episode of the On the Air podcast (Episode 30) : Discussing ARRL Field Day in particular and off-the-grid operating in general with ARRL Contest Program Manager Paul Bourque, N1SFE.

[2022-2023 ARRL Contest Dates PDF](#)



Local and Some HF Area Nets

MARC Nets

Sunday 8:00 PM – General Information Net – we ask participants about their week in ham radio and their thoughts on a question of interest to the ham community.

W5MRC Repeater, (146.740 MHz, offset -0.600 MHz, tone 110.9)

Monday 8:30 PM – Simplex net – see how far your VHF radio can go without a repeater

Along with general discussion. 146.540 MHz Since this is simplex, no offset or tone are required.

1st and 3rd Mondays 8:00 PM - The MARC Ladies Net – All radio amateurs are welcome.

W5MRC repeater (146.740 MHz, offset -0.600 MHz, tone 110.9)

Collin County ARES Nets

Collin County Amateur Radio Emergency Service conducts two training nets each month. You do not need to be an ARES member to participate, all radio amateurs are welcome.

1st Sunday 9:00 PM - Collin County ARES -

K5PRK repeater, 1(47.180 MHz, offset +0.600 MHz, tone 107.2 Hz)

3rd Sunday 9:00 PM – Collin County ARES -

W5MRC repeater, (146.740 MHz, offset -0.600 MHz, tone 110.9 Hz)

SARA (Sachse Amateur Radio Association) Nets Wednesdays 8:00 PM – Ham Radio in Sachse – Weekly “On-The-Air” Information Net called “Ham Radio in Sachse”.

W5SRA Repeater (440.350MHz, PL Tone 110.9, Offset +5MHz)

You can see more about our club repeater here: <https://www.sachseradio.org/repeater>

2nd and 4th Sundays 9:00 PM - Sachse Public Service Net –

ARES, RACES & Other Public Service Emergency Responders (like local CERT groups) Training.

W5SRA Repeater Repeater (440.350MHz, PL Tone 110.9, Offset +5MHz)

LARC Nets

Tuesday 8:00 PM – Open Net - The Lucas Amateur Radio Club holds an informal net open to all Amateur Radio operators.

K5LFD Repeater (442.2125 MHz, offset +5.0 MHz, tone 91.5)

Wednesday 8:00 PM – Simplex Net – An informal repeaterless net on 146.54 MHz to gauge the effectiveness of our VHF capabilities.

GARC Nets

Thursday 8:00 PM – Info net – The Garland Amateur Radio Club holds an informal net open to all amateur radio operators. The net begins with check in and general announcements, followed by general discussion.

K5QHD Repeater (146.66 MHz, PL Tone 110.9 Hz, Offset -0.600 MHz)

North Texas Hospital Net

North Texas Hospital radio club weekly nets check in with area hospitals. Friday mornings (time TBD 8:30 am or 9 am). Jimmy Dominguez is NCS. 442.400/146.700. Regular splits PL tones 110.9/110.9. All are welcome to check in from your QTH as individual.

Attention; The North Central Texas Healthcare ARC net begins at 0830 Friday and moves to 146.700, the past Fridays the 146.700 repeater has been down, with uncertainty when the 146.700 repeater will be back online, the North Texas Central Healthcare ARC will only have the 442.400 portion of the net.

HF Nets

[Search for 100s of nets.](#)
[On-Air Net Scraper](#)

Daily Net 11:00 AM – 9:00 PM – The Maritime Mobile Service Network – Any licensed ham (General Class or higher) can check in. This net is focused on assisting those who are maritime mobile and over the years, several distress calls have been handled by this net. 14.300

Sunday 2:00 PM – Amateur Radio Satellite Net - Open net for licensed amateur satellite discussion and updates 14.282

Daily Net – OMISS – Focused on awards, particularly Worked All State (1:30 PM frequency 14.290) (8:00 PM frequency 7.185)

Many more nets are listed here <http://ac6v.com.htm>

Overland Bound

Weekly Net Every Friday night at 7:30 PM Central Time – A net for people who like to explore and take part in overland camping – hosted on the USA Grits-N-Gravy Conference Server (USA-GNG) Echolink Node: 591550 <http://www.usagritsngravy.net>

Daily 60 Meter Net 12:30 PM –

Test your 60 Meter capability on Channel 1 5332.0 MHz (5330.5 MHz window freq).

If you want to list your favorite net please send as much information as you can to newsletter@k5prk.net

What is Amateur Radio (Ham Radio?) from ARRL

(Thanks Johnnie Young)

Amateur radio is a multifaceted hobby that includes people around the world. There are about 740,000 ham radio operators in the US. The FCC has allocated [30 different frequency bands](#) from 135 KHz to greater than 275 GHz to amateur radio operators. These frequency bands are used for many different aspects of the hobby.

Some videos describing Amateur Radio:

<https://youtu.be/ysOq6ywTSzU>

<https://youtu.be/rs0i0h4OyMo>

https://youtu.be/5Z9136_Nhh4 - Classic Walter Cronkite video

Licensing:

There are [3 levels of ham radio licensing](#) in the US, Technician, General and Extra. Each level requires passing a multiple choice exam. The questions used for these exams are all [published on the web](#).

Study Aids:

Students can study for their license exam(s) in several different ways.

- Take a class
- Study training books. These are two of the most popular
 - [ARRL Technician Study Guide](#)
 - [Gordon West 2018 to 2022 Technician Class](#)
- View video classes
 - https://youtu.be/RGluTpM7_K8
 - https://www.youtube.com/watch?v=N6aFXH_SQUo&list=PL07A7D1C9D7BF7F48
- Take practice Exams
 - <https://www.eham.net/exams>

Taking the Exam:

Exams are offered by many clubs [around the metroplex](#). The Sachse club gives exams 9:00 [each 2nd Saturday at the Wylie Masonic Lodge](#).

Other Ham Radio Related Links:

Sachse Radio Club: <http://www.sachseradio.org/>

Largest/Oldest Ham Radio Org: <http://www.arrl.org/home>

Local Ham Radio Outlet Store <https://www.hamradio.com/locations.cfm?storeid=20>

Finding a nearby Club: <http://www.arrl.org/find-a-club>

Ham Radio Mesh Network: <https://www.arednmesh.org/aredn-advantage>

Amateur Radio Satellites: <https://www.amsat.org/>

Ham Radio Repeaters: <https://www.repeaterbook.com/>

Other videos:

HAM Radios: Quick and Easy Way to Get Into HAM Radio Hobby: <https://youtu.be/t0sMDRLGB3Q>

HAM Radio Basics- HAM 101: <https://youtu.be/Ow1hxClR5J8>

Numerous Dave Casler Videos: <https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ>

SPACE STATION CREW USES HAM RADIO TO CALL EARTH <https://youtu.be/H73EYCYSZF8>

Listen to episodes of ARRL Audio News on your iOS or Android podcast app, or online at <https://blubrry.com/arrlaudionews/>

Various Ham Radio Activities:

- Local/Regional communications
- World wide communications using Digital network linked repeaters
- World wide radio to radio communications
- [Contests](#) – Making as many contacts as possible
- Fox hunts – Finding a hidden transmitter
- Amateur Radio Satellite
- Supporting local events
 - Races (marathons, bike races, etc.)
 - Plano balloon festival
 - Parades
 - 4th of July events
- Extending RC aircraft video and telemetry
- Amateur Radio Emergency Data network (Network when the grid goes down.)
- Winlink – Email via ham radio
- Skywarn – Storm spotters (Most storm spotters report via ham radio.)
- Amateur Radio Emergency Services (ARES)
- Radio Amateur Civil Emergency Services (RACES)
- Antenna design/building
- CW (Morse code) communications
- DXpeditions – Location in an remote area (usually islands) for a short period of time and making as many contacts as possible.
- Summit On the Air – Transmitting from mountain summits
- JOTA - Jamboree-on-the-Air – Boy Scouts
- RF experimentation. Many [Maker groups](#)
- [High altitude balloon experiment](#).

Electronic/Mechanical/Computer Resources in DFW Compiled by the North Texas Microwave SocietySend updates to W5LUA at sbcglobal.net

April 17, 2022

Altex Electronics www.altex.com 3215 Belmeade Dr Carrollton, TX 75006 972-267-8882	CDC Products Surplus Store 940 E. Beltline Rd #172 Richardson, TX 75081 972-918-9886 Tues/Fri 10-6, Sat 10-3
Centric RF https://www.centricrf.com/ 1130 Junction Dr. Suite 121 Allen, TX 75013 800-399-6891 (mainly web based, store pickup only)	Community Recycling http://communityrecyclingplano.com/ 917 K Ave Plano, TX 75074 972-423-3824
Coremark Metals https://www.coremarkmetals.com/ 10353 Hicks Field Rd, Fort Worth, TX 76179 682-286-9922 Online and retail space with new “odd-bits” (cut-offs, etc.)	Fairview Microwave Inc www.fairviewmicrowave.com 301 Leona Ln Suite 100 Lewisville, TX 75056 866 983 2095 972 649 6678 (mainly web based, store pickup only)
FastServ Supply https://www.fastservsupply.com/ 4060 E Plano Pky Plano, TX 75074 800-292-5890	Ham Radio Outlet www.hamradio.com 701 E. Plano Pkwy #406 Plano, TX 75074 972 424 6219
Mc Murray Metals Co https://www.mcmurraymetals.com/ 3000 Elm St Dallas, TX 75226 214-742-5654 800-658-5655 (Brass, Copper & other metals, Brass rectangular tubing)	Metal Supermarkets https://www.metalsupermarkets.com/ 1401 Summit Ave # 7 Plano, TX 75074 972-422-5167
Micro Center www.microcenter.com 13929 N. Central Expy, Dallas, TX 75243 972 664 8500	OnlineMetals www.onlinemetals.com 3001 Alouette Dr Suite 100 Grand Prairie, TX 75052 888 527 3331 (Order online and have it shipped or pickup at Grand Prairie location)
Professional Plastics www.professionalplastics.com 2060 Luna Rd Suite 120 Carrollton, TX 75006 214 575 5400 (Order online and have it shipped or some items can be picked up at the Carrollton location)	RECover https://www.recovercpu.com/ 1281 N Plano Rd Richardson, TX 75081 214 893 9687 or 214 683 6793
Short Iron Store https://shortiron.store 1128 Blue Mound Rd West #301 Haslet, TX 76052 817-367-9533 5057 Martin Luther King Freeway Fort Worth, TX 76119 817-395-1144 Mostly steel and some aluminum – cuts are free, handy if you don’t have a truck, online and small retail space.	Texas Towers www.texastowers.com 1108 Summit Ave #4 Plano, TX 75074 972-422-7306

PLANO AMATEUR RADIO KLUB
Application for Membership

Klub year is from January 1st to December 31st

Annual KLUB Membership (Individual) \$30.00/Year _____
Annual KLUB Family Membership \$40.00/Year _____
Student Membership (18 and Under) \$ 5.00/Year _____

Half year is from July 1st to December 31st

Klub Membership (Individual)..... \$15.00/half Year _____
Klub Family Membership \$20.00/half Year _____

For The Treasurer Only

Total Amount Paid (Circle One: Cash or Check # _____) \$ _____

Name: _____ Call Sign: _____

Address: _____ Apt: _____

City: _____ State: _____ ZIP: _____

Home Phone: _____ Work Phone: _____

Email Address: _____

Occupation: _____ Birthday: _____

The PARK Roster is given to KLUB Members Only. Please circle any information that you do not want published.

License Class: _____ Expiration Date: _____

Previous Call(s): _____ First Licensed: _____

Call Sign(s) of Other Family Members: _____

ARRL Member? _____ ARES Member? _____

Other Hobbies and Interests: _____

Reason(s) You wish to join PARK: _____

The Plano Amateur Radio Klub (PARK) is an organization which thrives on the support and participation of ALL KLUB Members. Volunteers are needed regularly for the support of KLUB activities, manning technical projects, staffing organizational or social committees and providing communications for public service events.

Are you willing to stand for election to a PARK Office and/or Director Position? Yes ____ No ____

Will you agree to support PARK, to keep it strong and thriving? Yes ____ No ____

Signature _____ Date _____

PARK Secretary Only:

Date of Application: _____

P.A.R.K.
P.O. Box 860435
Plano, TX 75086-0435

or send via email to secretary@k5prk.net

Plano Amateur Radio Klub General Meeting Minutes

Start time: 7:00 pm
Location: First United Methodist Church Plano
Facilitator: Tim Johnson – K5TCJ
President

Board 7 (for quorum)
Members 16
Guest 0

Meeting Agenda

- Call to Order/Welcome
- Pledge of Allegiance
- Roll Call
- Officers Reports
- Old Business
- New Business
- Break
- Raffle
- Program Presentation
- Adjournment

Roll Call –

Each person present introduced themselves and gave their call-sign



Office of the County Judge

Proclamation

WHEREAS, Amateur Radio Operators provide critical communication services and assistance to emergency response organizations during power outages and other natural disasters; and

WHEREAS, Amateur Radio Operators have provided countless hours of community service and free radio communications to local not-for-profit and charitable organizations; and

WHEREAS, Amateur Radio Operators regularly serve the community as severe weather spotters for the National Weather Service SKYWARN program; and

WHEREAS, Amateur Radio Operators generously operate privately owned communication resources for the welfare and common good of Collin County's citizens; and

WHEREAS, Collin County is home to over 5,000 licensed Amateur Radio Operators who diligently maintain communications readiness on a local, state, and worldwide basis in preparation for emergencies in our county and around the state; and

WHEREAS, Amateur Radio Operators practice and refine their communication skills during the annual Amateur Radio Relay League Field Day exercises, held every year on the fourth full weekend in June; and

WHEREAS, Amateur Radio Relay League Field Day will take place on June 25 & 26, 2022;

Now, therefore, I hereby proclaim the week of June 20 through 26, 2022, in Collin County, Texas as

Amateur Radio Week



A handwritten signature in blue ink, appearing to read "Chris Hill", is written over a horizontal line.

Chris Hill, N5NV
Collin County Judge
June 18, 2022

President's Report – Tim Johnson -- K5TCJ
Read the above Proclamation

Vice-President's Report – Anthony Burokas – KB5DVS – not in attendance
Report given by Tim Johnson – K5TCJ
Programs
Tonight – June 20th
Field Day

Michael Tharp KG5TJF

July 18th

Club Auction

August 15th

TBA

Auction Guidelines

There will be three tables

You must label all items placed on the tables and anything left that you placed on the table you must bring it back home

- 1- One table will be for free stuff that you are willing to give away
- 2- The second table will be for items you are donating to the club. The club will auction these items and all the proceeds go to the club.
- 3- The third table will have items you wish to sell. If it sells you give the club 10% of the sale. You set the opening bid for least amount you will sell the item for, knowing you will give 10% to the club and the rest of the sale is yours.

You need to have cash to pay the club their 10% that night and you and the buyer decide how the other payment is to be made.

Secretary's Report – Johnnie Young – KG5CQO

May 2022 General Meeting Minutes

Available in groups.io in the file section under files,
2022s secretary minutes, general meeting minutes, and
then by date

Available on the PARK website

Included in the newsletter

Any questions?

PARK now has 100 members

51 members are members of ARRL = 51%

Congratulations to these Wheatly Fox Hunters

- Jeffrey KI5SFS
- Bob KG5WRY
- Chris KV2T
- Brian WB8QZM
- Kevin W5PKK
- Lisa K5WCL
- Keltie N5KLW
- Kayden K5KDW
- Adam KE5MMK
- Eric W5MWM
- David KF5PFC

The winner of a \$25 HR gift certificate is Adam – KE5MMK

Treasurer's Report – Michael Tharp – KG5TJF

Balance with expenditures and deposits reviewed and explained the bank account showing the monthly debits/credits and reminded the membership of monies needed to complete a previous approved project and monies needed to run the club annually. Also reminded the membership that when the available monies are under \$4000.00; we, as a club, do not approve any large projects.

Communications Director's Report – Kip Moravec – AE5IB

The repeater is working well

Presby has run the cables but have not been able to chick

In need of a replacement, who can start learning the process now

Newsletter Editor's Report – Neil Gould – NE5IL – not in attendance

Report given by Tim Johnson – K5TCJ

Hope everyone got to see the newsletter and found something interesting to read

Be sure to send articles you enjoyed to be placed in the newsletter

If you see any issues, please send an email to the newsletter Editor

WebMaster's Report – John Hatch – KF5BSS

All should sign up for an account on the web page

<https://K5prk.net> and

for groups io at www.K5prk.groups.io/g/main/topics

Any issues or questions email John at webmaster@K5prk.net

[PARK is also on Facebook](#)

[The newsletter is sent through the web page registration](#)

[Need help maintaining the website](#)

Public Relations Director's Report – Dan Daniels – W5KKQ

Have the mailing list for the 9 zip codes around the church

Have some PARK post cards from Daryl Morgeson – AF5QJ.
to use for mailing

Will do labels and get price for stamps

Activities Director's Report – Richard Seitz – KG5HCJ

Recurring Events

PARK Breakfast Group – Saturdays @ 0700

Poor Richard's Café – Plano, Texas

Monthly PARK Meetings

Board of Directors Meeting – 1st Monday 7:00 PM

General Meeting – 3rd Monday 7:00 PM

CollinARES Training Nets

Typically holds two on-the-air training nets twice per month. You need not be a member to check-in.

Nets begin at 2100 hrs (9:00 pm local) and last 20 minutes to an hour.

Some nets may be cancelled due to holidays or if a large number of

Our members have participated in a major exercise or event that weekend.

1st Sunday of each month: PARK Repeater (K5PRK) 147.180 (+)
107.2

3rd Sunday of each month: MARC Repeater (W5MRC) 146.740 (-)
110.9

Go to www.collinares.net for detailed information

WinLink Wednesdays – Go to www.collinaries.net for link and details

Weekly Fox Hunts

Every weekend in McKinney, Sachse and Richardson and/or

Plano
Freddy the Fox (McKinney ARC)
Found in McKinney from 9 am Sat thru 7 pm Sun
Tx on 434.500 MHz with a 3-minute cycle.
Scan QR Code once found and fill out form
Facebook Page:
<https://www.facebook.com/Freddy-The-Fox-109578464255677>

SARA (Sachse ARA)
Found in Sachse each weekend
TX on 146.565 MHz
SARA information: www.sachseradio.org

Wheatly (Richardson WK)
found in Richardson every weekend
in Plano one weekend per month
TX on 433.250 MHz with a 3-minute cycle.
Scan QR Code once found and fill out form
Wheatley's Website:
<https://sites.google.com/view/Wheatley-website/home>

Fox #1 (Richardson WK)
Found in Richardson every weekend
Tx on 144.500 MHz with a 3-minute cycle
More information on the RWK website:
<http://www.k5rwk.org/foxhunt/>

Upcoming Activities

Contests

Field Day 2022
June 25th and 26th
Site Location: Hoblitzelle Park (7500 Red River Drive 75025)
Club Field Day Site: 25th only
More information and rules at: www.arrl.org/contest-calendar

IARU HF World Championship
July 9th and 10th
1200 UTC Saturday the 9th to 1159 UTC Sunday the 10th
Contest Objective: To support amateur self-training in
Radiocommunications including improving amateur
operating skills, conducting technical investigations,
and intercommunicating with other amateurs around
the world, especially IARU member society
headquarters stations, using the 160, 80, 40, 20, 15,
and 10-meter bands.
More information and rules at: www.arrl.org/contest-calendar

Special Event Stations

Colonial Williamsburg Special Event
July 2nd
1400 UTC – 2000 UTC Saturday, K4RC, Williamsburg,
VA
Sponsored by the Williamsburg Area Amateur Radio Club
7.265 14.265

Celebrating the 246th Anniversary of the signing of the
Declaration of Independence in 1776
More information at: info@k4rc.net

Hamfests

Tidelands Hamfest

July 9th 2022 – Texas City, Tx

Doyle convention Center

More Information at: www.tidelands.org

Field Day Coordinator's Report – Michael Tharp – KG5TJF
2022 ARRL Field Day
Presentation after the break

VE Testing Results – Daryl Morgeson – AF5QJ
John Yang passed his Tech Test
Congrats to John

Old Business

ARRL Foundation Club Grant Program

ARRL club Grant Program at a glance:

Looking to fund projects that create significant impact beyond the
applying club: transformative impact on Amateur Radio; create public
awareness and support for Amateur Radio; educational and training impact.

If you have any ideas on how PARK/Amateur Radio can benefit from
an ARRL grant, you are invited to present a proposal to the PARK Board.

After researching the parameters of the Grant Program at
<https://www.arrl.org/club-grant-program>, your proposal should follow the
format of the Grant Application, containing a: Project Narrative, Grant
Milestones, and a Grant Budget.

If your proposed idea is accepted by the club, you will be asked to take
part in the application process; and the project should PARK receive a Grant
A lot of good ideas have been discussed. We have an opportunity to get up to

\$25,000 for a worthy project. Let's see if we can do something with the Grants
vision of providing and expanding education and training for the Amateur Radio
community.

New Business:
None

Break: none

Tonight's Program
Field Day
Michael Tharp – KG5TJF

Tim Johnson, K5TCJ

Reminded the members that Charlie Crissey's children will be donating some of his equipment for the club to use, with recommendations the radios to stay with the club and be lent to new hams for a period of about a year and then to be returned to the club. Radios could also be used for Field Day by the club.

Adjournment: 8:02 pm

Thank you for attending
See you on the air.

K5PRK/R 147.180 + (PL 107.2)

K5PRK/R 444.250 + (PL 79.7)

And on

WWW.K5PRK.NET

K5PRK on Groups. io

K5PRK on Facebook

PARK on HamClubOnline.com

de K5PRK SK