



# K5PRK Newsletter

*The PARKing Ticket*

Social Media

[K5PRK.Net](http://K5PRK.Net) [Facebook](#) [IO Group](#)



## Officers

President:

**Tim Johnson, K5TCJ**

Vice President:

**Anthony Bourkas –  
KB3DVS**

Secretary:

**Johnnie Young, KG5CQO**

Treasurer:

**Mike Tharp – KG5TJF**

Activities Director:

**Richard Seitz – KG5HCJ**

Communications Director:

**Kipton Moravec, AE5IB**

Webmaster

**John Hatch, KF5BSS**

Public Relations:

**Dan Daniels, W5KKO**

Newsletter Editor:

**Neil Gould, NE5IL**

**Monday May 16, 2022 - 7:00 pm**

[Two approaches to remote operation](#) - Rusty Reeve, KT5U, Andy Bonnot, K5QR

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 be available for members not ready to meet in-person. Be aware those members joining by Zoom will have limited access.

[Join the Zoom Meeting](#)

Meeting ID: 840 2749 8707 Passcode: 536942

## In this Issue

[From the President](#)

[Presented 'Certificate of Recognition' to Kip Moravec – AE5IB](#)

[Have you ever been to a club auction?](#)

[Testing began on April 18, 2022](#)

[Upcoming Activities](#)

[Plano Fox Hunt Update](#)

[Short Takes – several items you may have missed](#)

[Hams Helping Hams](#)

[ARRL News and Info](#)

[Area Nets](#)

[Ham Radio References](#)

[Electronic/Mechanical/Computer Resources](#)

[Secretary Minutes and Notes](#)

## Future Club Meeting Programs:

<b>June 20, 2022</b>	Field Day Plans	Michael Tharp – KG5TJF
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## From the President:

### April's In-Person Meeting was a Success!!

Thank you to the 32 members and guests who attended the in-person April general meeting. This was the first in-person meeting in over 2 years. It was nice getting together again and I know we all look forward to continuing down the road to getting back to normal. Like last month, this month's meeting will be streamed via Zoom.

In other news, the Klub's Constitution revision was unanimously passed at the last meeting. A cleaned up copy of the revised constitution will be posted soon.

A lot of activities are in the near future. Field Day is coming up and we will be looking at the ARRL's newly minted Grant Program. More information about that will be talked about at this month's meeting.

See you at this month's meeting where we will again have a 50/50 drawing and an interesting and informative guest speaker.

73 and see you on the air,  
Tim Johnson K5TCJ, President PARK

### Treasurer's Report – Mike Tharp

Beginning Balance - 5/1/22

Prosperity	\$	9,839.58
PayPal	\$	155.76
Petty Cash	\$	40.00
Beginning Balance Subtotal	\$	10,035.34

Planned Debits

AT&T	\$	(53.76)
Debits Subtotal	\$	(53.76)

Checks	\$	(300.00)
Debits	\$	(353.76)
Credits	\$	144.00
Credits Subtotal	\$	144.00

Ending Balance	\$	9,825.58
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Pre-approved Expenses

Funded Projects	\$	2,400.00
Annual Recurring Costs	\$	2,700.00
Pre-approved Expenses Subtotal	\$	5,100.00

Available Funds	\$	4,725.58
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The Plano Amateur Radio Klub would like to welcome new members.  
Larry Pollis – KI5UXC

We are very happy to have you as a member of this Klub.

### **Andy and Rusty will present two approaches to remote operation.**

I have known these two gentlemen for many years. Rusty and I retired from Raytheon (TI/DSEG) in 2013. Andy retired in 2015.

Dan, W5KKQ

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Rusty Reeve, KT5U, was first licensed in 1964 and has been active in ham radio for 58 years. His fascination in ham radio started at age 11 after having spotted his grandfather's (sk W7FZM) non-functioning Breting 14 shortwave receiver made in the mid-1930's. He promised to have the radio fixed if Rusty would learn the Morse code - the rest was history. As WN5JZE, Rusty used that old receiver for his first novice contacts! Rusty's college ham radio interests included pioneering early two meter FM/repeaters and homemade amps well before there was any vhf/uhf "ham gear" available. Rusty was an early North Texas coordinator for AMSAT and very active during the early Oscar days. He was active in mobile HF for over 30 years including CW and mobile DXing. Rusty's early interest in electronics led him to a BS Degree in Electrical Engineering at Texas Tech University and a 41 year career at Texas Instruments and Raytheon in Defense Electronics. Since retiring in late 2013, Rusty and his wife enjoy domestic and international traveling. Improving and using his remote station capability have become new favorite pastimes.

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Andy Bonnot, K5QR, has been licensed continuously since 1974. His early interests in amateur radio and electronics led him to a BS and MS in Electrical Engineering at the University of Missouri – Rolla, where he also served as President of the university amateur radio club, W0EEE. He is primarily a DXer and occasional contester, primarily in CW. Andy's Ham Radio accomplishments include 6BWAS, 5BWAZ, 8BDXCC and he is currently on the DXCC Mixed Honor Roll. He is a Life Member of the ARRL, belongs to the Lone Star DX Association, the DFW Contest Group and is CW Ops member # 2476. Andy retired in 2015 after 30+ years in the Aerospace and Defense industry, providing him time to build a new station in St Paul, TX.

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### **Presented 'Certificate of Recognition' to Kip Moravec – AE5IB**

for his many years of support to PARK. Kip is a past President and continues to be Communications Director keeping the repeaters in good running order, giving up many of his weekends to check and repair issues.

A big THANK YOU for all your hard work.



## Have you ever been to a club auction?

I was a member of the Warminster Amateur Radio Club when I lived up in Pennsylvania. Every year, one of the most attended and fun meetings was the "club auction." It was an auction of gear that was brought in to the club meeting by local hams - both club members and non-members.

All this hardware would be laid out on tables for everyone to check out before the meeting. If it needed power, people could plug it in and test it. This meeting was special in that all these items were donated to the club to auction to raise money for the club. I, myself, purchased old handheld radios, meters, and more at these auctions. You never knew what might appear.

Because of the "donation to the club" limitation, it was mostly limited to small or older things. No good, modern radios showed up, and understandably so. So we're going to change this and bring the Club Auction to PARK's July meeting. Remember that, PARK's general club meeting, and this auction, is open to everyone, club member or not. So spread the word to other ham organizations, 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. The auction is the "program" for the July meeting. A few key differences- we are adding a "free" table, for items like wire, or batteries, QST magazines, or ARRL books, etc. Items that you just want someone have. Secondly- we are allowing hams to auction things for themselves. So you can sell that 100w radio you haven't touched in forever.

It's a win-win-win situation in that you sell Ham Radio gear you no longer want or need; you buy Ham Radio gear you want or need; and the event raises money for the club.

### The RULES:

Meeting attendees bring ham radio-related gear to the club meeting. (NO non-radio-related things allowed )  
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.
- 2) DONATE your item(s) to PARK. The club will auction them off and keep the proceeds.
- 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 taken from the FREE table, the owner takes back home. NO Exceptions.  
At the end of the event all items leave with the original owners, or new owners. Nothing gets left behind.

### THE PROCESS

All the 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 and the FREE table is opened.

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.

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 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 began on April 18, 2022.

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](http://arrrl.org) 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](mailto: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 – 1<sup>st</sup> Monday 7:00 PM
  - General Meeting - 3<sup>rd</sup> 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](http://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>

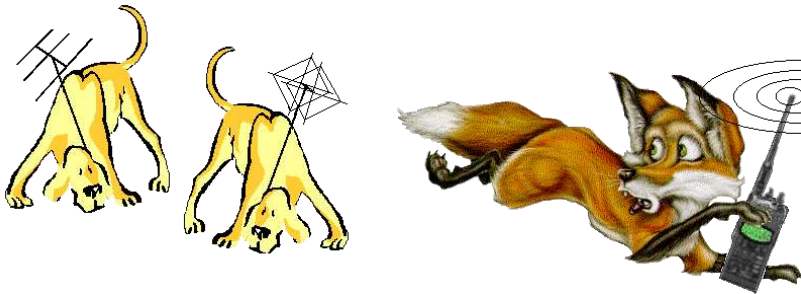
## Contests

- ARRL International Digital Contest
  - 4<sup>th</sup> – 5<sup>th</sup> June 2022
  - 1800 UTC Saturday the 4th to 2359 UTC Sunday the 5th
  - More information at: <http://www.arrl.org/arrl-digital-contest>
- ARRL June VHF Contest
  - 11<sup>th</sup> – 13<sup>th</sup> June 2022
  - Work as many amateur stations in as many different 2 degree x 1 degree Maiden-head grid squares as possible using authorized frequencies above 50MHz. All legal modes are permitted.
  - 1800 UTC Saturday the 11th to 0259 UTC Monday the 13th
  - More information at: <http://www.arrl.org/june-vhf>
- Field Day 2022
  - 25<sup>th</sup> and 26<sup>th</sup> June 2022

- Site location: Hoblitzelle Park (7500 Red River Drive 75025)  
More information and rules at: <http://www.arrl.org/field-day>

### Hamfests

- Emory Texas Hamfest
  - 23<sup>rd</sup> April 2022 – Emory, TX
  - Rains County Fairgrounds
  - More Information at: [www.w5ent.org](http://www.w5ent.org)
- SARC – Radio Fiesta (San Antonio Radio Club)
  - 17<sup>th</sup> – 18<sup>th</sup> June 2022
  - Schertz Civic Center (Schertz, TX)
  - ENE of SA – just outside the 1604 loop
  - More Information at: <https://www.w5sc.org/>



### **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.

PARK sponsors Wheatley about once every other month to be 'lost' in the Plano City limits.

### **Fox Hunt Finders for March 2022**

Bob Hill KG5WRY  
Nick McCarthy K5NJM  
Katherine Forson KT5KMF  
Mark Hammons N5MSH  
Jeff Waite KI5SDS  
Rob Forson K5WFR

Katherine Forson KT5KMF won the drawing for the \$25 HRO gift certificate! Congrats













## 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](https://www.broadcastify.com/join/K5PRK444250)

[K5PRK 147.18](https://www.broadcastify.com/join/K5PRK14718)

**Note: If you notice problems with any of the club's repeaters, please contact**

**[communications@k5prk.net](mailto: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

Things Are Really Looking Up" for the **H-E-B | Central Market Plano Balloon Festival & Run** that is celebrating its 43rd year on September 23-25. The City of Plano is the Official Hot Air Balloon Capital of Texas and this annual ballooning tradition will be held at the Red Tail Pavilion / Oak Point Park & Nature Preserve. The three-day weekend features more than 30 colorful hot air balloons, a RE/MAX parachute team exhibition, live entertainment on the FOX4 Main Stage, a spectacular fireworks show, marketing sponsors, food concessions, arts and crafts vendors, a kids fun zone, and more! Read the full press release: <https://lnkd.in/gn4c7nnN>

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

## ARRL News

### ARRL magazines

QST - ARRL's Monthly Membership Journal - [www.arrl.org/qst](http://www.arrl.org/qst)

On the Air - NEW! Beginner to intermediate level help and advice - [www.arrl.org/On-the-Air-Magazine](http://www.arrl.org/On-the-Air-Magazine)

QEX - The Forum for Communications Experimenters - [www.arrl.org/QEX](http://www.arrl.org/QEX)

NCJ - National Contest Journal - [www.arrl.org/NCJ](http://www.arrl.org/NCJ)

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

## ARRL Podcasts Schedule

The latest episode of the [On the Air podcast \(Episode 28\)](#):

Should you invest in a Digital Multimeter (DMM)? As it turns out, a DMM doesn't have to be expensive and it is more useful than you might imagine.



The latest edition of Eclectic Tech (Episode 59): ARRL's Radiosport Manager Bart Jahnke, W9JJ, describes a brand new on-the-air contest for digital communicators that will debut on June 4.

The *On the Air* and *Eclectic Tech* podcasts are sponsored by Icom. Both podcasts are available on iTunes (iOS) and Stitcher (Android) as well as on Blubrry --

[On the Air](#) | [Eclectic Tech](#).



Visit the [ARRL Learning Network](#) (a members-only benefit) to register, check on upcoming webinars, and to view previously recorded sessions.

## ARRL ANNOUNCES NEW WORLD WIDE DIGITAL CONTEST

02/09/2022

The [ARRL World Wide Digital Contest](#) will debut at 1800 UTC on June 4, ending at 2359 on June 5, 2022. All non-RTTY modes are permitted. Going forward, RTTY will be the sole mode for the ARRL RTTY Roundup, which will continue to take place in January. [Full details](#) on this new operating event are on the ARRL website.

[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.

**1<sup>st</sup> Sunday 9:00 PM - Collin County ARES -**

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

**3<sup>rd</sup> 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>

**2<sup>nd</sup> and 4<sup>th</sup> 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](mailto: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](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://youtu.be/RGluTpM7_K8)
  - [https://www.youtube.com/watch?v=N6aFXH\\_SQUo&list=PL07A7D1C9D7BF7F48](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 2<sup>nd</sup> 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
  - 4<sup>th</sup> 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 Society**Send updates to W5LUA at [sbcglobal.net](mailto:sbcglobal.net)

April 17, 2022

<b>Altex Electronics</b> <a href="http://www.altex.com">www.altex.com</a> 3215 Belmeade Dr Carrollton, TX 75006 972-267-8882	<b>CDC Products Surplus Store</b> 940 E. Beltline Rd #172 Richardson, TX 75081 972-918-9886 Tues/Fri 10-6, Sat 10-3
<b>Centric RF</b> <a href="https://www.centricrf.com/">https://www.centricrf.com/</a> 1130 Junction Dr. Suite 121 Allen, TX 75013 800-399-6891 (mainly web based, store pickup only)	<b>Community Recycling</b> <a href="http://communityrecyclingplano.com/">http://communityrecyclingplano.com/</a> 917 K Ave Plano, TX 75074 972-423-3824
<b>Coremark Metals</b> <a href="https://www.coremarkmetals.com/">https://www.coremarkmetals.com/</a> 10353 Hicks Field Rd, Fort Worth, TX 76179 682-286-9922 Online and retail space with new “odd-bits” (cut-offs, etc.)	<b>Fairview Microwave Inc</b> <a href="http://www.fairviewmicrowave.com">www.fairviewmicrowave.com</a> 301 Leona Ln Suite 100 Lewisville, TX 75056 866 983 2095 972 649 6678 (mainly web based, store pickup only)
<b>FastServ Supply</b> <a href="https://www.fastservsupply.com/">https://www.fastservsupply.com/</a> 4060 E Plano Pky Plano, TX 75074 800-292-5890	<b>Ham Radio Outlet</b> <a href="http://www.hamradio.com">www.hamradio.com</a> 701 E. Plano Pkwy #406 Plano, TX 75074 972 424 6219
<b>Mc Murray Metals Co</b> <a href="https://www.mcmurraymetals.com/">https://www.mcmurraymetals.com/</a> 3000 Elm St Dallas, TX 75226 214-742-5654 800-658-5655 (Brass, Copper & other metals, Brass rectangular tubing)	<b>Metal Supermarkets</b> <a href="https://www.metalsupermarkets.com/">https://www.metalsupermarkets.com/</a> 1401 Summit Ave # 7 Plano, TX 75074 972-422-5167
<b>Micro Center</b> <a href="http://www.microcenter.com">www.microcenter.com</a> 13929 N. Central Expy, Dallas, TX 75243 972 664 8500	<b>OnlineMetals</b> <a href="http://www.onlinemetals.com">www.onlinemetals.com</a> 3001 Alouette Dr Suite 100 Grand Prairie, TX 75052 888 527 3331 (Order online and have it shipped or pickup at Grand Prairie location)
<b>Professional Plastics</b> <a href="http://www.professionalplastics.com">www.professionalplastics.com</a> 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)	<b>RECover</b> <a href="https://www.recovercpu.com/">https://www.recovercpu.com/</a> 1281 N Plano Rd Richardson, TX 75081 214 893 9687 or 214 683 6793
<b>Short Iron Store</b> <a href="https://shortiron.store">https://shortiron.store</a> 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.	<b>Texas Towers</b> <a href="http://www.texastowers.com">www.texastowers.com</a> 1108 Summit Ave #4 Plano, TX 75074 972-422-7306

**PLANO AMATEUR RADIO KLUB**  
**Application for Membership**

Klub year is from January 1<sup>st</sup> to December 31<sup>st</sup>

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 1<sup>st</sup> to December 31<sup>st</sup>

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](mailto:secretary@k5prk.net)

## Plano Amateur Radio Klub General Meeting Minutes

Start time: 7:05 pm  
Location: First United Methodist Church Plano  
Facilitator: Tim Johnson – K5TCJ President

Board 8 (for quorum)  
Members 26 (less 8 board is 18 members for quorum)  
Guest 9

General Meeting  
Pledge: Led by Tim Johnson – K5TCJ

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

President – Tim Johnson – K5TCJ  
Presented 'Certificate of Recognition' to Kip Moravec – AE5IB  
for his many years of support to PARK. Kip is a past President and continues to be Communications Director  
keeping the repeaters in good running order, giving up many of his weekends to check and repair issues.  
A big THANK YOU for all your hard work.

Tim also has a 'Certificate of Recognition' for Tony Campbell –  
for his many years of support to PARK, especially as 'Activities Director' helping members to learn and participate  
in community activities. Certificate to be presented at a later date, Tony was not in attendance.

Vice-President's Report – Anthony Burokas – KB5DVS  
Programs  
Tonight – April 18<sup>th</sup>  
Steve Lott Smith KG5VK ARRL North Texas Section Manager  
Changes at The ARRL  
A breath of Fresh air  
A New DFW Ham Convention  
The New ARRL Field Day  
The Ham Radio Shop in Paris Texas  
A Thank You & a small Challenge

Secretary's Report – Johnnie Young – KG5CQO  
March 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?

Congratulation to these Wheatly Fox Hunters  
Bob Hill KG5WRY  
Nick McCarthy K5NJM  
Katherine Forson KT5KMF  
Mark Hammons N5MSH  
Jeff Waite KI5DSD  
Rob Forson K5WFR

Now the winner is 'Katherine Forson, KT5KMF' the official Wheel Spinner

Katherine Forson was presented with a \$25 HRO gift Certificate  
Congratulations to Katherine

Welcome to new members

March/April

Mark Felty – KF5JMF

Larry Pollis – KI5UXC

Treasurer's Report – Michael Tharp – KG5TJF

Balance with expenditures and deposits reviewed and explained the bank account with outstanding debits 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

April 23<sup>rd</sup> a climb is schedule – please notify Kip if you can help

This is a multiple man job.

Still waiting on the hospital to be open to finish that project

Newsletter Editor's Report – Neil Gould – NE5IL

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](http://www.K5prk.groups.io/g/main/topics)

Any issues or questions email John at [webmaster@K5prk.net](mailto:webmaster@K5prk.net)

[PARK is also on Facebook](#)

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

Public Relations Director's Report – Dan Daniels – W5KKQ

Nothing to report

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 – 1<sup>st</sup> Monday 7:00 PM

General Meeting – 3<sup>rd</sup> Monday 7:00 PM

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](http://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

ARRL International Digital Contest  
June 4<sup>th</sup> – 5<sup>th</sup>  
1800 UTC Saturday the 4<sup>th</sup> to 2359 UTC  
Sunday the 5<sup>th</sup>  
More information at [www.arrl.org/contest-calendar](http://www.arrl.org/contest-calendar)

ARRL June VHF Contest  
June 11<sup>th</sup> – 13<sup>th</sup>  
Work as many amateur stations in as many different  
2-degree x 1 degree Maidenhead grid squares  
as possible using authorized frequencies  
above 50 MHz. All legal modes are permitted  
1800 UTC Saturday the 11<sup>th</sup> to 0259 UTC Monday  
the 13<sup>th</sup>  
More information at [www.arrl.org/contest-calendar](http://www.arrl.org/contest-calendar)

##### Field Day 2022

June 25<sup>th</sup> and 26<sup>th</sup> 2022  
Site location Hoblitzelle Park (7500 Red River Drive 75025)  
More information and rules at [www.arrl.org/contest-calendar](http://www.arrl.org/contest-calendar)

##### Hamfests

Emory Texas Hamfest  
April 23<sup>rd</sup> 2022 – Emory, Texas  
Rains county Fairgrounds  
More information at: [www.w5ent.org](http://www.w5ent.org)

SARC – Radio Fiesta (San Antonio Radio Club)  
June 17<sup>th</sup> – 18<sup>th</sup>  
Schertz Civic Center (Schertz, Tx)  
ENE of SA – just outside the 1604 loop  
More information at [www.w5sc.org/](http://www.w5sc.org/)

#### Field Day Coordinator's Report – Michael Tharp – KG5TJF

##### 2022 ARRL Field Day

The ARRL has made the Covid rules permanent  
The club will be operating from Hoblitzelle Park in Plano, 7500 Red River Drive Plano, Tx 75025  
Members may also choose to gather in small groups or operate individually

##### Field Day 2022 – Timeline

Saturday  
10 am – Dipole Antenna Raising  
11 am – Teams set up remaining antennas, power  
12 noon – Radio/Computer Setup and Test  
1 pm – On the Air  
8 pm – Off the Air; Teardown/Cleanup

#### VE Testing Results – Daryl Morgeson – AF5QJ

Stan Tallman passed his Tech Test, Congrats to Stan



## Old Business

### Constitution and By-Laws

Reviewed and open the floor for questions

Asked for ballots to be turned in during the break

Break 7:40 pm – 7:50 pm

sign-in

buy raffle tickets

mix and mingle

## Old Business

Results for voting for the changes to the Constitution and By-Laws

100% voted 'YES'

Everyone clapped

## New Business

Andy Barnes – W5KZJ – announced that the McKenny will have a  
Parks-on-the-Air Activation on Saturday

## Raffle

50/50 Door Prize

Winner – Tom Watson, W5ZBT, won \$29

Club received the other \$29

### Other Prizes

Tony Fiorda, WB8ZWI – won a dice kit

Daryl Morgeson, AF5QJ – won a message board kit

Kip Moravec, AE5IB – won a Turner desk mic

## Tonight's Program

ARRL Updates – Steven Lott Smith – KG5VK

ARRL North Texas Section Manager

Steve went over some changes within the ARRL. He is working on changing attitudes by having meetings with club presidents. He attends a monthly meeting with the section managers. He reminded us there are 4 magazines available to ARRL members. There is also a club e-newsletter that all can subscribe to. ARRL now has a Learning Center.

There are plans for a new DFW Ham Convention, hopefully for 2024.

Field Day Rules are available and is continuing to use the Covid Rules.

MTC in Paris is trying to sell the business

A 'Thank You' to all who helped get Katherine Forson – KT5KMF – nominated

A reminder that there are 10 ARRL Awards available and a special Ham of the Year Award.

We always appreciate Steve visiting us and presenting updates and allowing time for questions. He also always brings prizes.

Prizes were various books dealing with Amateur Radio.

The winners were;

Neil Gould – NE5IL

Johnnie Young – KG5CQO

Nell Bartels – KA5PHN

## Adjournment

Motion to adjourn;

Nell Bartels – KA5PHN

2<sup>nd</sup> of the motion

Kip Moraves – AE5IB

Thank you for attending

See you on the air.