



K5PRK Newsletter



Social Media

K5PRK.Net [Facebook](#) [IO Group](#)

Officers

President:

Sean Kelly, W5SPK

Vice President:

Tim Johnson, K5TCJ

Secretary:

Johnnie Young, KG5CQO

Treasurer:

Ross Watson AF5QK

Activities Director:

Tony Campbell, W5ADC

Communications Director:

Kipton Moravec, AE5IB

Webmaster

John Hatch, KF5BSS

Public Relations:

Brian Trant, KF5VFM

Newsletter Editor:

Neil Gould, NE5IL

Monday July 19, 2021 - 7:00 pm

[De-mystifying the RF Exposure Evaluation for Ham Stations](#)

[Frank Krizan – KR5N](#)

[Join the Zoom Meeting](#)

NOTE: The Zoom meeting link is recurring. You can add it to your own calendar and set a monthly reminder for the 3rd Tuesday each month.

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Future Club Meeting Programs:

July 19, 2021 Zoom	New RF exposure requirements	Frank Krizan – KR5N
Aug 16, 2021 Zoom & church	Mobile Antenna Maintenance is Important	Sean Kelly – W5SPK
Sept 20, 2021 Zoom & church	Mobile Antenna Installations	Robert Evans – WW9W

The **PARK Breakfast Group** is meeting at **Poor Richards Cafe** on Park & Ave. K in Plano, Texas. We will meet at 7:00 A.M. each Saturday.

PARK JULY MEETING ABSTRACT

The July 19th meeting of the Plano Amateur Radio Klub will feature a program on “Demystifying the RF Exposure Evaluation for Ham Stations” given by Frank Krizan, KR5N, of Plano. Frank’s program will focus on the need to “keep things simple”, while ensuring that everyone adheres to the intent of FCC policy. Many hams are wondering why this sudden move to forcing us to perform long, complicated calculations and measurements to ensure safety. It turns out the need to understand RF safety has been with us for the entire history of amateur radio and with FCC implications for almost 3 decades.



Frank will review a bit of the history regarding RF exposure concerns, how radio frequency energy affects the human body, our responsibilities as good citizens and how to approach most situations in a simplified, straightforward manner. If you’ve gotten bogged down in the complexities of some of the manuals which show difficult to understand equations and graphs, you’ll be happy to know there’s a much easier way to approach the subject.

BIO

Frank Krizan, KR5N, grew up in Brenham, Texas (the home of Blue Bell Ice Cream). He was fascinated by radio from an early age. Frank got his Novice license (WN5ABU) in 1961 and a year later became WA5ABU. He’s a graduate of the University of Texas (at Austin) and went to work at Collins Radio Company in Richardson after a stint in the Navy. He worked in automated test engineering, advanced manufacturing technology and quality management his entire career at Collins, which became Rockwell-Collins and later Alcatel Network Systems.

Frank’s held the additional calls of KR1ZAN and K5HS (K-ditty - think about it!). He enjoys all aspects of amateur radio and considers himself a Ham Generalist. Frank and his wife, Nancy K5NCK, moved to Plano a couple of years back. A son and daughter (and grand-kids), also, live nearby. He is currently the President of the Collins Amateur Radio Club of Richardson.

From the Board...

The August meeting will be in a hybrid format with in-person at the church and Zoom. Details are still being worked out.

This month's meeting will still take place on Zoom as planned, using the same Zoom link.

Welcome New Members:

June: David Cappello – KG5EIU, Michael Welch – K5MTW

Elections

Election of the **President, Treasurer, Activities Director and Newsletter Editor** shall be held in **October** at the regular meeting on **odd numbered years**.

Section 1 – The **president** shall preside at all meeting of this club, and conduct the same according to the rules adopted. He shall enforce due observance of this Constitution and By-Laws, decide all questions of order, sign as an official of the club only those documents that are adopted by the club, and perform all other customary duties pertaining to the office of president.

Section 4 – The **treasurer** shall receive and receipt for all monies paid to this club; he shall keep an accurate account of all monies received and expended, and shall maintain a double entry bookkeeping system according to accepted accounting practices. He shall pay no bills without proper authorization (by the club or its Board of Directors). At the end of each quarter, he shall submit an itemized statement of disbursements and receipts. He shall at the expiration of his term turn over everything in his possession belonging to the club to his successor. A petty cash fund may be established in accordance with the By-Laws.

Section 5 – The **activities director** shall organize club member activities, plan and recommend contests for operating benefit, and advance club interest and activity approved by the club. He shall encourage members in reporting activities to the club bulletin. He shall endeavor to make the reputation of the club and amateur radio activities in the community as outstanding as possible. Term limits do not apply to this office.

Section 6 – The **newsletter** editor shall be responsible for publishing and distributing the official club organ – "The Parking Ticket." He is required to abide by any by-laws governing publication of the Newsletter. Term limits do not apply to this office.

President, treasurer, and activities director are NOT seeking re-election or are term limited. If you are interested in supporting PARK by becoming an officer contact [Sean](#) or [Johnnie](#).

PHAB-17 Announcement

It has been a while, but we are back in the balloon launch business again. Our next launch PHAB-17 is currently scheduled for July 24th. If you are interested in participating or just following along with the process, subscribe to the PHAB17@K5PRK.groups.io | [Home](#) group at the following link:

PHAB17@K5PRK.groups.io

We will be flying some of the standard payloads along with several new ones. This launch will also have participants from the Richardson Wireless Club.

Tony Campbell

All members,

While preparing for Field Day, it took almost two weeks for the team to get a response from members who store PARK equipment. Therefore, I am going to compile a document with the member's name and email and what equipment you store. If you store anything that belongs to PARK and we usually use for Field Day please send me a list of those items with your name and email. This way we will not need to send out emails asking who has what. Items would include but is not limited to antenna, club radios, club computers, and cables etc. Please list anything that belongs to the club. Thanks so much for your help with this.

Thanks, [Johnnie KG5CQD](#)

Field Day 2021

Our individual contributors were Dave Koch (W8OV), Antonin Yang (NT5TT) and Thomas Watson (W5ZBT). Dave captured 2520 points! He had a 5X multiplier and with dozens of CW contacts. Antonin captured 388 CW points on his own along with working at the Shawnee Pavilion on Saturday morning! Thomas Watson also worked from home and designated his points to the Klub.

At the pavilion, we worked 4 transmitters from 1:00 and 7:00. Anthony (KB3DVS) worked VHF contacts from Florida to Arizona. Neil (NE5IL) had success on 10 Meters all afternoon. The Mikes (Payne K5MFP and Tharp KG5TJF) worked 40 meters until they gave up and found action on 15 meters. Daryl (AF5QJ) and Johnnie (KG5CQO) tag teamed on 20 meters. Godwin (AA1GD) and Brian (WX5FTS) also worked contacts on 20 meters and 10 meters respectively. The club earned 946 for its pavilion efforts.

All told the Klub earned at least 3854 points.

If you worked class B,C D or E and haven't entered your points yet, you can either enter them at <http://field-day.arrl.org/fdentry.php> or send your totals to Mike Tharp via groups.io or mikeltharp@aol.com.

=====

It was fantastic to be out and together again, and see many of our PRK family in person - and do some ham stuff.

The weather was very cooperative- not terribly hot, and there was always a nice breeze- almost to the point of being windy!

The bands were very favorable- 20 was hopping, 15 was busy, even 10 was busy, 6 was reaching Florida to Arizona, and when I heard locals on 6, I got them on 2m as well. I don't know how busy 40 was, as we had some RF noise affecting the lower bands that our distant 20m antenna was immune from, but the closer 20m buddipole had to deal with as well. It fell off above 20, so the close 15m and 10m antennas were not affected. If we could iron this out, I suspect we could have been even busier on 20 with two more active stations, and more on 40 as well. But we kept 4 radios going pretty strong through the day and considering this is our first public outing in a long time, I think it was stellar.

We had a lunch this year, which we typically don't have. So that everyone who was involved could either get a bite after helping set up all morning, or not have to drive away and go find lunch before making contacts began in earnest. I hope lunch becomes a standard part of PRK Field Day.

At the end of the day, several of the setup team returned and helped bring everything down and pack it up before the sun went away. The timing was pretty much perfect.

Our location right on a frisbee golf course meant that we had a lot of people asking what we were doing, and time spent showing our stations, and introducing the hobby, and field day, to people who might or might not have known about ham radio.

I appreciated everyone who took the time to come out, help, operate, or just hang out.

I know others operated from home this year, and I hope you also found band conditions favorable and had fun this Field Day.

Mike KG5TJF did a great job organizing the event.

Anthony Burokas (KB3DVS)



Hams Helping Hams

Craig Olson W9LL, David Fedorko KG5HCJ, Richard Seitz KG5HCJ and Michael Payne K5MFP, all PARK members, met up at Joe Blair's home in Dallas on July 10th, 2021 to replace and install a Gap Titan DX antenna. Joe's previous antenna was damaged in a storm.

Joe had contacted another club to ask for help, but no one bothered to contact him back. He then contacted someone in PARK and that's how Hams Helping Hams (HHH) from PARK was contacted by Tony Campbell and asked could we help Joe. Of course!!

According to Joe, the guys did in 6 hours what the original installers did in two days. We also ran new coax to the Gap antenna. The SWR was spot-on each band. Joe hooked up his new FLEX radio and Joe was able to see the signals on his screen. Later he reported that his audio was corrected and he is now ON THE AIR!!
Hey guys!

I want to say a big "Thank You" for volunteering to help a fellow ham! What you guys did was phenomenal! Joe Blair told me that you did in six hours what the original antenna guys did in two days!

What you also did was, in my book, fantastic. Hams Helping Hams (HHH) is all about helping others, especially our older hams. These older hams are mentors who have helped us younger hams in so many different ways. Our help is like paying our 'dues' to the hobby.

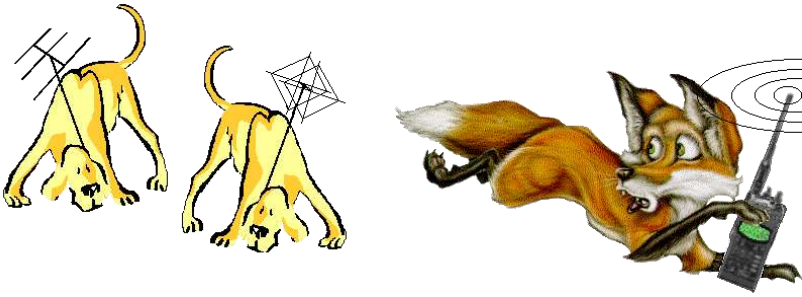
As we grow, we should be encouraging our younger hams to join in with others to help those who can't do the work that they used to be able to do.

Thanks everyone for getting Joe back on the air!

73,
[Michael](#) K5MFP

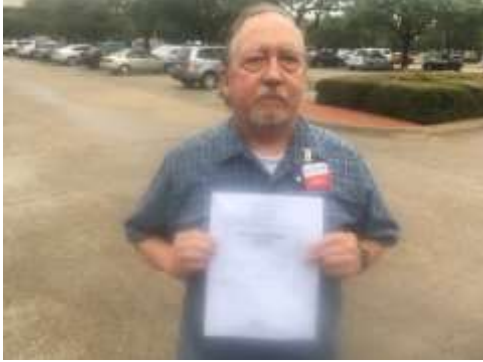
If you need any help on project, just contact me.





Winners of the \$25 HRO gift certificate:

April: Buddy Sheply KF5LJD



May:

Richard and Patti Jennings, N5PMU

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.

Successful hunters this weekend were:

Jason Shipley KF5LJC
Mark Hammons N5MSH
Ian Stubbs KC5DFC
Bob Hill KG5WRY
Buddy Shipley KF5LJD
Don Griffin WS5L
Katherine Forson KT5KMF
Kevin Williamson W5PKK
Lisa Williamson K5WCL
Payton Williamson W5PRW
Kayden Williamson K5KDW
Keltie Williamson N5KLW
Richard and Patti Jennings N5PMU
Bob Romans KI5GRN

Estate Sale

The Estate of W5PNM is up for sale. Items included in the sale are a series of Flex, Icom and Yaesu radios, amps, power supplies, Tektronix test equipment, RC Sail Gliders and more.

All proceeds will go to Duane's family estate and wife. All sales are final, as-is, no returns allowed. Cash preferred.

Date: 08/07/2021

9:00am to 3:00pm

1562 Glenmore Dr

Lewisville, TX



CAN YOU PRESCRIBE
SOMETHING TO GET
MY HUSBAND TO
TALK MORE?

GET HIM A
HAM RADIO
LICENSE.



PARK Repeaters

The Plano Amateur Radio Klub operates five repeaters, which are located in Allen, Texas about 180 feet above

Short Takes

The VE testing session usually held before the PARK Meeting is temporally suspended because of following social distancing procedures. If you are interested in testing at another site, please contact Daryl Morgeson, AF5QJ at AF5QJ@arrl.net

The Richardson Wireless Klub is currently offering remote [online] VE testing via Zoom and HamStudy.org. Both upgrades and testing for technicians are being offered.

Handy Low Cost LCR Semiconductor Tester

I recently purchase a low cost LCR / Semiconductor Tester from a supplier on eBay. For under \$10 this is hard to beat.

<https://www.ebay.com/itm/321963237498>

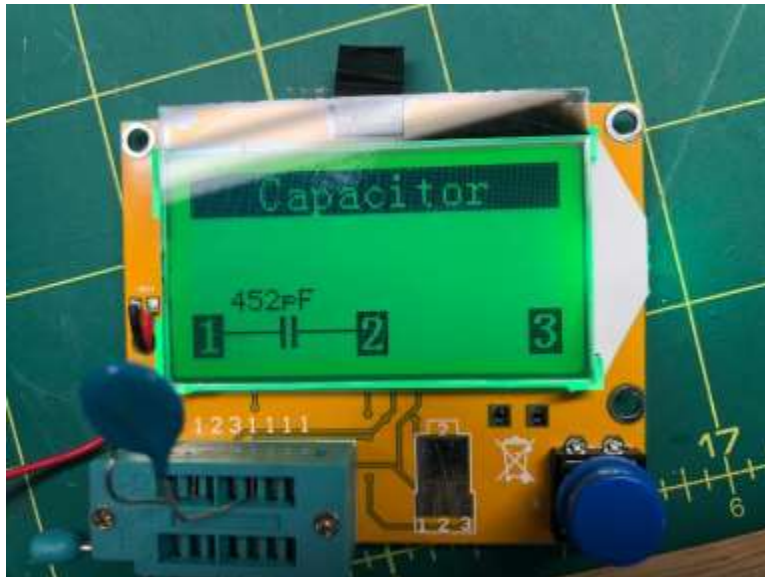
There are a number of sources for these, but they all have the same basic specifications:

- automatic detection of NPN and PNP transistors, N-channel and P-channel MOSFET, diodes, triodes,
- resistors, capacitors and inductors
 - 0.1 ohm resolution, maximum 50M ohm
 - 25pf -100,000 uf
 - 0.01mh-20H
- Quality display is 128*64 LCD with backlight in green color
- Powered by 9V battery. Battery is not included
- Automatically test the pins of a component and display on the LCD
- Measure the gate threshold voltage and gate capacitance of the MOSFET
- Measure bipolar transistor current amplification factor and base-emitter threshold voltage
- One-button operation, automatic shutdown to avoid unnecessary battery drainage

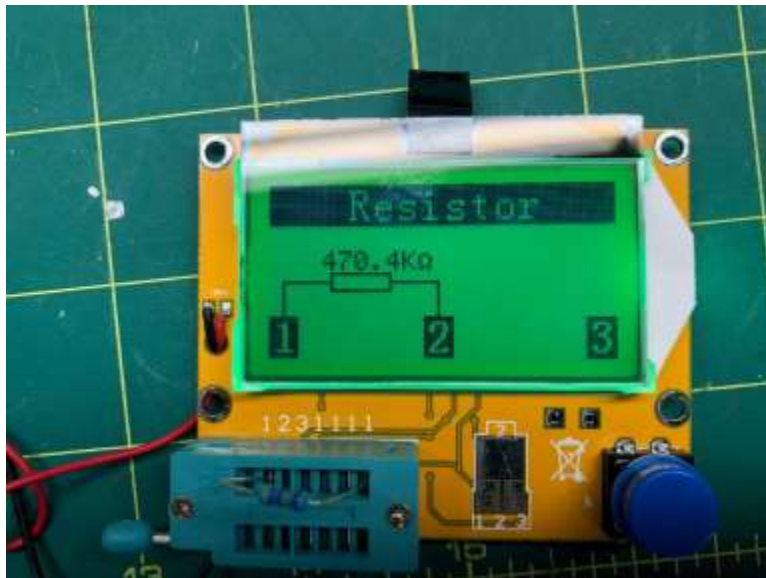
There are several youtube videos on this, but here is one.

<https://www.youtube.com/watch?v=7Br3L1B80ow>

I used it to test a number of components and it appears to be accurate enough for normal homebrew activities. Below are a few examples of what I tested:



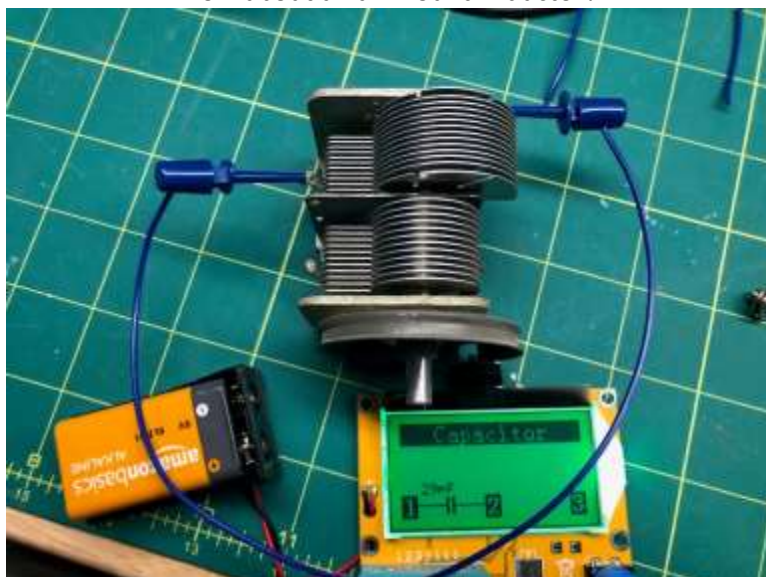
Here is the test of a 450 pF capacitor.



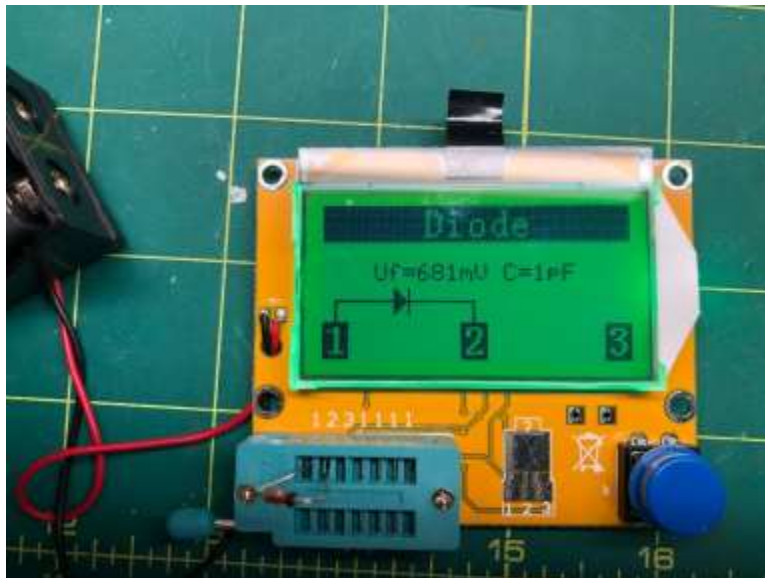
Testing a 470K Resistor



How about an air wound inductor?



A Variable Capacitor.



This is a 1N4148 Diode. The V_f seems just about right.



A good old 2N2222 Transistor

I also tested several other components including additional variable capacitors, FET and transistors. For \$10 this is really a great bargain. I did notice that for a few more dollars, I could have gotten one with a case. I would do that next time.

Tony
W5ADC

An Incomplete PARK History

As told by Bill Swann K5MWC

By Michael Payne K5MFP

In October of 1972, ten or so people gathered together to see about planning and organizing a radio club in Plano, Texas. A lot of time and effort went into planning for the club. They assembled at the Community Room in the 1st National Bank in Plano to work on the organizing the club and did a lot of future planning. The first thing that the original members wanted to promote was public service in the community and county.

The first meeting of the club was held on May 9th, 1973. Twenty-two people showed up for that meeting at the 1st National Bank on 14th and Avenue K in Plano. These men and women were already planning to have Field Day on the 23rd-24th of June! Very ambitious! The membership dues were \$1 a month or \$5 for the year. What a deal. John Gammon - W5VYY was the first person to sign up and pay his dues.

That 1st Field Day was on June and was held at Schell Park at East Park Boulevard and Jupiter Road in Plano. They had to dig a hole in the ground to erect a pole to hold the antenna, but they were given permission from the city on the condition that they fill the hole back in! When it was all said and done, the PARK field day group placed 11th overall in the nation! Way to go!

Bill started the Collin County Amateur Radio Emergency Services or CCARES in 1975 with the help of others and PARK club support. It has really grown over time with ham spotters from Collin County sending critical information to net control and the National Weather Service in Fort Worth listens in and records the information that was given to them.

At one point in time the Plano City Police force had a total of five patrol cars. Three were used on a daily basis, and the two remaining cars were designated for spare parts! One night the Police Department's communications equipment went down and the policemen had no communications at all, so they all came back to dispatch. At three o'clock in the morning, Bill was called and was asked if the club could help with communications. He called three other club members, waking them up and asked for their help. All four of them arrived at the station with 2 meter go-boxes and they provided the 3 patrol cars with radios and one in the dispatch office. That call to action created a great relationship between the City of Plano from then on. As a result of this cooperation, a city official, knowing that the club was looking for a place to set up a repeater and antenna, asked the club if they wanted to place the antenna on the water tower! Now the club is setting up repeaters and links to different locations within Collin County to have coverage of the county for SkyWarn and emergency communications.

Now Bill couldn't remember who the previous club President's names or call signs were, but he did remember that he was the third club president.

If anyone has any more information regarding the history of PARK or list of past presidents, please write it up and send me your information. Thanks

Michael K5MFP

NE5IL – Thanks Michael for putting this together along with other history items of PARK that will be included in future newsletters.

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

ARRL Podcasts Schedule

The latest episode of the On the Air podcast (Episode 18) features a discussion with ARRL Lifelong Learning Manager Kris Bickell, K1BIC, about the launch of the new ARRL Learning Center later this month.

The latest edition of Eclectic Tech (Episode 37) features a discussion about the mysterious Schumann Resonances and a chat with Grant Connell, WD6CNF, about an interesting Morse sending and receiving application he created for Windows.

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](#).

The new ARRL North Texas Website is now Live <https://arrlntx.org>

Visit the [ARRL 2021 Hurricanes Page](#)

ARRL Learning Network's new speaker forum/seminars <http://www.arrl.org/arrl-learning-network>



Learning with High-Altitude Balloons -- Jack McElroy, KM4ZIA, and Audrey McElroy, KM4BUN / Thursday, July 22, 2021 @ 3:30 PM EDT (1930 UTC)

Jack McElroy, KM4ZIA, and Audrey McElroy, KM4BUN, talk about their experiences with high-altitude balloons and explain how hams can get involved in successfully launching balloons. They'll also talk about how to make high-altitude balloons a fantastic learning experience for students who may want to be involved in ham radio.

[2020-2021 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](#).

PLANO AMATEUR RADIO KLUB Application for Membership

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

Date Voted In: _____

P.A.R.K., P.O. Box 860435, Plano, TX 75086-0435 or email
secretary@k5prk.net

July 2021

June Meeting

Start time: 7:02pm

Location: Via Zoom

Facilitator: Sean Kelly – W5SPK -- President

Members 22

Guest 2

Pledge led by Sean Kelly – W5SPK

President Sean Kelly -- W5SPK

Agenda:

Officers Reports

Old Business – from the floor

New Business – Resumptions of in person meetings

Tonight's Presentation – Field Day 2021

with Mike Tharp – KG5TJF

Q & A Session

Close

Officers Reports

President Sean Kelly -- W5SPK

Vice-President Tim Johnson -- K5TCJ

Secretary Johnnie Young – KG5CQO

Treasurer Ross Watson -- AF5QK

Communications Director Kip Moravc -- AE5IB

Newsletter Editor Neil Gould -- NE5IL

Webmaster John Hatch -- KF5BSS

Public Relations Brian Trent -- KF5VFM

Activities Director Tony Campbell -- W5ADC

Field Day Coordinator Mike Tharp -- KG5TJF

President Sean Kelly – W5SPK

To those members who responded to the recent meetings survey – Thanks you for your input.

During new business we will be discussing exactly when to resume in-person meetings and the associated rules.

A gentle reminder – October is right around the corner which means elections are rapidly approaching. To paraphrase President Kennedy, "Ask not what PARK can do for you. Ask what you can do for PARK"

Open positions

President

Treasurer

July 2021

Vice-President's Report Tim Johnson – K5TCJ

Programs

Tonight June 21, 2021

Field Day 2021

Mike Tharp – KG5TJF

July 19, 2021

De-mystifying the RF Exposure Evaluation for Ham Stations

Frank Krizan – KR5N

Aug 16, 2021

TBD

PARK Recurring Activities

Shack Highlights and Tours – sponsored by Anthony Bourkas, KB3DVS—
every Thursday Night @ 2000 – Volunteers welcome – please step-up
and be counted

Late Riser Breakfast – Saturdays @ 0700

See attachment attached hereto

'No Name' Riser Breakfast – Saturdays @ 0900

Recommend following Social Distancing Protocol

July Meeting Schedule

July 5, 2021 – Board Meeting

July 19, 2021 – General Membership Meeting

August Meeting Schedule

August 2, 2021 – Board Meeting

August 16, 2021 – General Membership Meeting

September Meeting Schedule

September 6, 2021 – Board Meeting

September 20, 2021 – General Membership Meeting

An announcement from Michael Payne – K5MFP

The **PARK Breakfast Group is meeting at Poor Richard's Café** at Park and
Ave K in Plano, Texas. We will meet at 7:00 AM each Saturday.

In consideration for everyone during these new normal times, we suggest that
you have your Covid—19 vaccines.

Please be considerate to everyone. Mask are not required, but if you care to
wear one, that is fine. We welcome all hams, those new to the hobby and those
who have experience.

Family members are always welcome!

73, K5MFP

Secretary's Report Johnnie Young – KG5CQO

secretary@K5prk.net

General Meeting Minutes for May are in the newsletter and have been
uploaded to PARK IO groups and are on the web site.

Any questions about the minutes?

We now have 97 members, with 56 members of ARRL, 57%

July 2021

Questions?

None

Treasurer's Report Ross Watson – AF5QK

Not in attendance

Report given by Johnnie Young – KG5CQO

Balance, expenditures, and deposits were given with new ending balance.

Communications Director Kip Moravc -- AE5IB

Rain has been causing issues

Need to separate the receiver and transmitter, put in two different sites.

Discussion followed about a place to move one

Had the climb and replaced the tri--band antenna

Winlink is back up and running – detailed information is in the newsletter

Newsletter Editor Neil Gould – NE5IL

Hope everyone got the newsletter

The newsletter is available through all the links.

It contains the minutes

New grant we received

Need more contributions for the newsletter

Newsletter is good, due to the content members send in

Send items to newsletter@K5prk.net

If you see anything that needs to change, please send an e-mail.

Webmaster John Hatch – KF5BSS

Web site is K5prk.net

If need a log-in send an e-mail to webmaster@K5prk.net

Sign up for the website, newsletter and groups io

Public Relations – Brian Trant – KF5VFM

Not in attendance

Nothing to report

Activities Director Tony Campbell—W5ADC

Hospital repeater -- needed assistance with the antenna

Bad antenna and coax

Tonight's Presentation

Field Day

Please give your attention to Mike Tharp, KG5TJF.

Mike will discuss a modified Field Day Plan for 2021

July 2021

Mike Tharp, KG5TJF, went over the rules for 2021, including Covid 19 Health Recommendations from the CDC. He reminded the members that Anthony Burokas, KB3DVS has set up a transmitter sign up sheet for shifts during Field Day. However, anyone may stay the entire day and have fun. Available scoring was presented because there are many ways to earn points for the club, even if you choose to work from your home. Plus, the club can earn extra points for participation in special ARRL activities. Charts were provided for when and how to earn some of these extra points.

A list of equipment and times for set up and take down were included. The N3FJP logging software will be used this year as in previous years to consolidate points.

Many thanks to Mike Tharp, KG5TJF and the team. This was a well-organized presentation and shows that PARK Field Day will be lots of fun. Hope many members will get to take part.

Old Business;

None

New Business;

Sean Kelly, W5SPK

resumption of in-person meetings

Survey indicated most are ready to go back to in-person meetings

Will start meeting in-person in August

Will meet at the usual place, First Methodist Church of Plano,
3160 East Spring Creek Pkwy, Plano for 7:00 pm

Meeting will have zoom joining available for those who do not
want to attend in person

Motion to resume meeting in-person in August of 2021 with a Hybrid setup

Tim Johnson – K5TCJ

2nd the motion – Mike Payne – K5MFP

Membership agreed

Sean Kelly, W5SPK will notify the church

The board will meet via zoom until the end of the year

Daryl Morgeson – AF5QJ, stated testing will start at 6:00 pm as before.

Michael Payne, K5MFP, announced in-person breakfast has resumed under a new name, 'The PARK Breakfast Group', at Poor Richard's Café on Park and Ave K in Plano for 7:00 am each Saturday.

New Members:

May new members;

Welcome to...

James McCormick – KG5KBF

Donovan Carwood – W5DWC

Len Havron – KG5BJH

June new members;

Welcome to ...

Scott Croft – KI5NBV

July 2021

Sonny Walton – KD5DIG

Also new members who were able to attend a meeting

Godwin Duan – AA1GD

Omar Aboiye – KI5YDF

Bio's for Donovan Carwood – W5DMC and Len Havron – KG5BJH were included to help members learn a little about them. Plus, Len was in attendance and spoke to the members.

We also heard from Godwin Duan – AA1GD and Omar Aboiye – KI5YDF who are both students.

Kip Moraves – AE5IB invited the boys as well as anyone else to a balloon launch.

Jay Samuel offered the group items he has to give away.

Sean Kelly – W5SPK asked for a list with a direct contact to put on groups io.

Tim Johnson – K5TCJ suggested to bring them to the club for prizes

Fox Hunt winner – Katherine Forson, KT5KMF

not in attendance

Johnnie Young – KG5CQO

added names to the wheel and spun the wheel for the winner

Richard and Patti Jennings, N5PMU won the \$25 HRO gift certificate

Congrats to them.

No more business.

Motion to adjourn;

Michael Payne – K5MFP

2nd of the motion

Tim Johnson – K5TCJ

Adjourned – 8:43 PM

Thank you for attending
Stay healthy! Stay safe!