



K5PRK Newsletter

The PARKing Ticket

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Neil Gould, NE5IL

Monday Feb 21, 2022 - 7:00 pm

[Join the Zoom Meeting](#)

Meeting ID: 840 2749 8707 Passcode: 536942

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Future Club Meeting Programs:

Mar 21, 2022	TBD	
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From the President:



NWS Fort Worth SKYWARN PROGRAM



NWS Fort Worth SKYWARN Program

Several virtual classes are still scheduled. [Register here](#).

73 and see you on the air,

Tim Johnson K5TCJ
President PARK



The Plano Amateur Radio Klub would like to welcome some new members.

Gary Sawyer W0GDS
Haoming XU KI5TGM
new ham also
Rodney Snitker KI5NHO

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

TAKING BACK MY POWER

This wasn't intended as an article about radio, but could be of interest to anyone concerned with portable power, power outages or if involved with POTA, Field Day, ARES, etc.

My family and I suffered through several days with no power during the winter storm of February 2021. Long before the inside temperature dropped into the lower 40's, I swore that we would not be left in that situation again. As soon as the lights came back on, I started investigating different options for generators that could power necessary household equipment during an extended electrical outage.

After considerable research, my preferences were narrowed to:

Portability. I liked the idea of having a portable generator, and I did not feel that the expense of a permanently installed whole home generator would add enough value to a home sale to recoup the investment. And it appears that downsizing is the trendy thing to do when your kid leaves for college.

Inverter. With the electronics used these days and the desire to maintain internet access, I wanted something more than a conventional generator. Both use an alternator, but an inverter generator converts alternating current [AC] power to direct current [DC] power, then back to AC which results in "cleaner" power. Inverters are generally quieter and more fuel efficient, as they automatically throttle up and down depending on the load.

Output. I felt that to remain comfortable during an extended power outage in winter, the necessities would be: keeping the heat running [1100 watts], powering the refrigerator [800 watts], the microwave [1450 watts], lights in one or two rooms [200 watts], the internet router [150 watts] and a few lower powered conveniences, such as a television [120 watts] and phone chargers. In my situation, as we have natural gas heating, I figured that 4 kilowatts should be sufficient for our needs. Due to the initial power draw of a central air conditioning compressor and the need for 240 volts, I did not even try to include that in my consideration.

Alternative fuels. I read multiple times not to store gasoline for more than six months and that fuel stabilizer is a must with a generator as it could be idle for extended periods. The ethanol in today's blends attracts water and can lead to a gummed carburetor, which could then require a rebuild or replacement. The nearest ethanol free I could find is at Buc-ee's in Melissa. I do not have a good place to store more than a few gallons of gasoline other than the garage or outdoors, neither of which I wanted to consider. I also did not like the idea of sloshing gasoline in the middle of the night in the dark. I discovered that there are dual fuel [gasoline / propane] generators available. As propane can be stored indefinitely, has lower emissions than gasoline and can be kept in 20, 30, 40 and even 100 lbs or larger tanks, this sounded like the way to go. Especially when the tanks can be refilled locally, or that the smaller tanks can be exchanged at big box stores, gas stations - even pharmacies.

Noise level. I preferred to have a quieter generator, mainly for my sanity. As they frequently annoy me, I wasn't too worried about annoying the neighbors.

With those in mind, I kept coming back to the Honda inverter generators. Quiet, relatively lightweight, extremely dependable. Unfortunately, they do not come with a fuel option other than gasoline. I then found that kits are available to convert a number of generators, including Honda and other brands, to allow the use of propane. Further investigation led to propane conversion kits that also allow the use of natural gas. This really piqued my interest as I have a natural gas connection in the back yard that had been used for grilling by the previous owner. [Natural gas supply is typically uninterrupted during power outages as the compressors that move the gas are almost always fueled by the gas itself.]

I ultimately decided that I wanted two Honda EU2200i generators [120 volts / 2200 watts each] and to convert both with kits from Hutch Mountain, a Utah based company. The EU2200i weighs 47 pounds, has a carbon monoxide monitor, a runtime of up to 8 hours on a gallon of gasoline and even Bluetooth. The Honda app allows you to connect to your generator[s] and monitor output and scheduled maintenance - from indoors! The EU2200i is available in two configurations - one with two 15 amp outlets and one with a 15 amp and a 30 amp outlet. Two of either configuration can be connected with a "parallel kit", which simply consists of three wires, to allow combined power output. Two in combination would give nearly 50% more power than their next larger inverter [3000 watts] for roughly the same price, and still allow the use of just one generator if desired, which is 1/3 the weight of the larger. The Hutch Mountain kits permit the use of either gasoline or propane and also have a natural gas option. Both the generators and the conversion kits have great reviews. Note: due to the reduced density compared to gasoline, the use of propane derates the output of a generator and natural gas even more so - I saw indications of up to 15%. Even with the derating, I felt I would still have sufficient power for our needs.

Installation of the Hutch Mountain conversion kits can be done in as little as 20 minutes, and only takes a

screwdriver, a drill with a pilot bit and a step bit, a couple of adjustable wrenches, an open end wrench and an 8mm socket and ratchet. To change from propane to natural gas, a hose is disconnected from the carburetor plate, the LPG jet unscrewed, the natural gas jet screwed in and the hose reconnected. There are several videos online that demonstrate the installation of the kit - one good one is by "Fate Unbound."

Warning: Honda states that their warranties are void if any modifications are done to their equipment. After reading the reviews about their dependability, the number of installs and that Hutch Mountain claims they support the original warranty, I decided to take the chance the Honda warranty wouldn't be needed.

To connect the generator to the home breaker box and avoid having extension cords running in a window, I found two options: a transfer switch and an interlock kit. Both options allow a generator to be connected to the breaker box via a dedicated outlet and allow power to be supplied by either the grid or the generator at any one time, but not both. A transfer switch is connected to select circuits during installation; an interlock kit energizes the entire breaker box and allows any circuit to be switched on or off - the only limit is the maximum generator output. Be advised - I am not an electrician or an electrical engineer. And I must add that I read over and over - **NEVER back feed a breaker box. It is dangerous and illegal.**

Side note: As I was fine tuning my plan, I described it to Uncle Bubba, a family member who laughed at the idea. A couple of months later, I received a video of his two brand new Hondas running on natural gas.

A few tips: To save some money, buy generators, etc. on Emergency Preparedness Supplies Sales Tax Holiday Weekend in April. Devise a way that any portable generator does not walk off during unattended use. To limit power use while running on generator power, switch off or unplug higher amperage appliances such as the refrigerator while using something like the microwave. For reference, at 60 degrees Fahrenheit, 1 pound of propane is 0.24 gallons; inversely, 1 gallon of propane is 4.24 pounds.

An article in the January 16, 2022 Dallas Morning News stated that Texas currently has 130 gigawatts of installed baseload power. ERCOT believes we will need an additional 100 gigawatts of baseload power in 15 years. Anyone know how long it takes to build a power plant?

Full disclosure: I do not have any ties to either Honda or Hutch Mountain, if you don't count the 18 year old Honda lawn mower sitting in my garage. My company, however, does have extensive connections to oil and gas exploration and production, from which gasoline, propane and natural gas are all derived. This did not influence any of my decisions - however, I am a big fan of their use!

There are many options regarding ways to provide emergency power - I mainly intended to pass along what I learned during my research. I'm welcome to any questions or comments.

Rob
K5WFR

Upcoming Activities

- **PARK Breakfast Group – Saturdays @ 0700**
 - Poor Richard's Café – Plano, Texas
- **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>
- **Monthly PARK Meetings**
 - Board of Directors Meeting – 1st Monday 7:00 PM
 - General Meeting - 3rd Monday 7:00 PM

Contests

- **International DX - Phone**
 - 5th – 6th March 2022
 - 0000 UTC Saturday through 2359 UTC Sunday
 - Work W/VE and DXCC entities on 160, 80, 40, 20, 15 & 10 meters
 - More information at: www.arrl.org/contest-calendar
- **Rookie Roundup – Phone (SSB)**
 - 10th April 2022
 - 1800 UTC through 2359 UTC Sunday
 - To encourage newly-licensed operators in N. Amer. to operate on the HF bands and experience competitive radio operating.
 - More information at: www.arrl.org/contest-calendar
- **Field Day 2022**
 - 25th and 26th June 2022
 - Site location TBD
 - More information and rules at: www.arrl.org/contest-calendar
- **2022 Mentorfest**
 - Date and Time TBA (April?)
 - Location: Denton County EOC/Denton Country Club House
 - Address: 9060 Teasley Lane, Denton, TX 76210

Winter Field Day 2022

Results and feedback:

My WFD efforts resulted in a "claimed" (usually gets reduced a little due to errors, etc.) score of 5436 points; 145 contacts on CW, 8 on phone (SSB & FM).

I thought the idea of a Zoom link where we could drop in and visit, much like an in-person operation, was excellent. Unfortunately, only about 4 or so members dropped by (I think I just missed you, Neil). If we have to do the June Field Day in the same way, I hope this idea is continued.

73, Dave, W8OV

I set up my rig out back on a table in the sun. Yaesu FT-857D, power supply, tuner, laptop.

Set up my tripod with a CoMET HFJ-350M telescopic antenna, and a mag mount VHF/UHF on a steel oven sheet.

The outlet strip was powered by a gasoline generator around the corner of the house.

O1, NTX.

500 extra Outdoor points, 500 extra non commercial power points.

45 contacts, one on 80m, one on VHF, the rest on 20m and 40m.

Only Saturday, I tore it down in the dark.

Compromised antenna still got 44 contacts, as far away as Quebec.

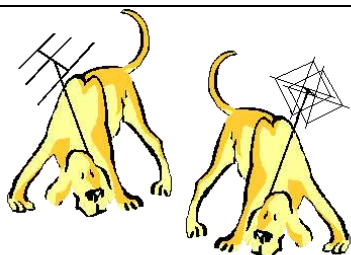
Larry Neely KI0R

=====

I made 57 SSB contacts on 15m and 20m in the limited time I had to participate. I concentrated on unique multipliers getting 39 different ARRL sections. The only call area I didn't get any was ours, 5. ;)

Hopefully next year we will have a club sponsored in-person event.

Neil NE5IL



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 a month to be 'lost' in the Plano City limits.



Keltie Williamson

N5KLM

Wheatley Fox Hunt Winner

\$25 HRO Gift Certificate

For

November 2021

Fox Hunt Finders for January 2022

KG5WRY

Bob Hill

W5PRW

Payton Williamson

N5KLW

Keltie Williamson

N5MSH

Mark Hammons

W5PKK

K5KDW

K5WCL

NI5EE

Kevin Williamson

Kayden Williamson

Lisa Williamson

Brandley Lee

WHICH MACHINE ARE
YOU COMFORTABLE WITH?



Who Let the Smoke Out?

Apologies to: *Baba Men* from NZVAN

Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof

The RF was nice the RF was pumping
Ah yeppee ah yo
And everybody having a call
Yeppee ah yo
And tell the fellas start CQ callin'
Yeppee ah yo
Then DX respond to the call
I hear a station shout out:

Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof

Last year on field day you had a ball
You call me local and call me a lid
Get back grumpy, you sound S3
Get back you flea powered mongrel

Now I tell myself dem man no get angry
Ah yeppee ah yo
To hear DX calling VKs
Yeppee ah yo
But I say hey man dats part of the contest
Ah yeppee ah yo
Them DX in front and the others behind
I hear a station shout out:

Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof

A station is nothing if he don't have an amp
LID station no have amp
A station is nothing if he don't have an amp
LID station no have amp

Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof

Last year on field day you had a ball
You call me local and call me a lid
Get back grumpy, you sound S3
Get back you flea powered mongrel

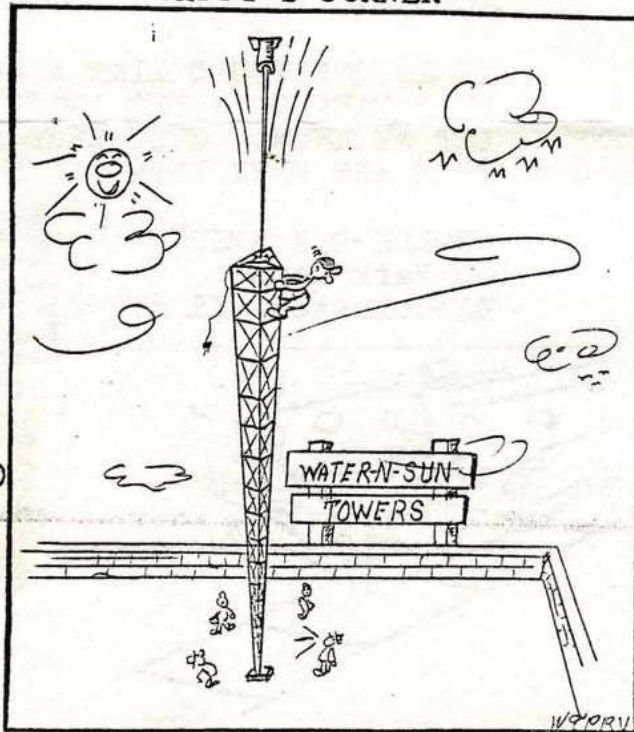
If I was a ham, the party is on
I got to get FT8 on
'cause my mind done gone
Can't you see the rays coming from Yagis
Walking through the place like digi-ham
Breaking it down
Me and my feed line
That's why they call me a Big Gun
'cause I'm the man with the land when they
see my towers they say ooooooh

Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof
Who let the smoke out
Poof, poof, poof, poof, poof

What I did for Winter Field Day.



"PAPPY'S CORNER"



MIKE!!! "LITTLE end UP!
BIG end DOWN!!!"

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

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@arri.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. Sessions are generally Tuesday evenings, but can vary. In most cases licenses are posted in 1-2 days. Details and a link to sign up can be found on their website at www.k5rwl.org/ham-testing/



Tickets are on sale now for the upcoming **QSO Today Virtual Ham Expo on March 12-13, 2022**. It's an amazing experience for anybody that wants to improve their amateur radio knowledge and get exposed to new ideas, cutting edge ham radio technology, and practical operating and building techniques. And there is no need to travel - anyone can participate from their home or office! Information and tickets can be found at <https://www.qsotodayhamexpo.com>

A complete list of speakers can be found at <https://www.qsotodayhamexpo.com/speakers1.html>

Beijing Winter Olympics Special Event Station BY1CRA/VO22 is Active

The Chinese Radio Amateurs Club ([CRAC](#)) [has announced](#) that Beijing 2022 Olympic and Paralympic Winter Games special event station BY1CRA/VO22 is now active on FT8, SSB, and CW on 160 – 10 meters and will operate until the games close on February 20. Contact awards are available. A [log](#) is posted to Club Log

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

AllStar Node Map <http://allstarmap.org>

Katherine Forson, KT5KMF, is in the QST magazine November 2021, page 60
February 2022, page 68

As the recipient of the 2021 ARRL Hiram Percy Maxim Memorial Award

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

The latest episode of the On the Air podcast (Episode 26):

YouTube is increasingly becoming the "go to" resource for information on a variety of amateur radio topics. In this episode we speak with two YouTube veterans: Dave Casler, KE0OG, and Steve Goodgame, K5ATA.



The latest edition of Eclectic Tech (Episode 53): ARRL Radiosport Manager Bart Jahnke, W9JJ, discusses the increasing weak-signal activity on the 222-MHz band..

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.

Getting Started with Allstar

Presented by Jason Johnston, KC5HWP of Ham Radio 2.0

Allstar is an internet-based connection network for linking repeaters and nodes. It can be used by home operators or with large-area repeaters. Today, you will learn the basics of Allstar, how to get started with it, and how you can begin using it yourself.

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.

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**

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 _____
Student Membership (18 and Under) \$ 2.50/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: January 2022 7:04 pm
Location: Via Zoom
Facilitator: Anthony Burokas – KB5DVS – Vice-President

Members 20
Guest 10

General Meeting

Meeting Agenda

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

President Tim Johnson, K5TCJ
Not in Attendance
Meeting led by Anthony Burokas – KB5DVS – Vice-President

Pledge led by Anthony Burokas – KB5DVS

Vice-President's Report – Anthony Burokas – KB5DVS
Programs
Tonight – January 17th
AllStarLink Networking – Kip Moravec – AE5IB
February 21st TBD
March 21st TBD

Secretary's Report – Johnnie Young – KG5CQO
Minutes for both the November and the December General Meetings were in the appropriate Newsletters
Both sets of minutes are available on the PARK web site.
Both sets of minutes are in the site of groups io under files, 2021's secretary minutes, general meeting minutes,
then by date
Any questions?

New PARK Officers
Vice-President – Anthony Burokas – KB3DVS
Public Relations – Dan Daniels – W5KKQ

Welcome to new members
November – Dick Thiot – N5FCB
December – Tom Wooley -- N0TOM
Jack Wybenga
Larry Neely – KI0R
Clarence Sebesta – K5YO
January – Tony Fiorda – WB8ZWI
Gary Sawyer

Fox Hunt Finders for November (Wheatly in Plano)
Kevin Williamson – W5PKK
Lisa Williamson – K5WCL
Keltie Williamson – N5KLW
Payton Williamson – W5PRW
Kayden Williamson – K5KDW
Katherine Forson – KT5KMF
Rob Forson – K5WFR

Katherine Forson – KT5KMF spun the prize wheel and the winner of the HRO
\$25 certificate is Keltie Williamson N5KLW
Certificate to be delivered by Johnnie Young – KG5CQO and will take a picture for the newsletter

Christmas Party Raffle Winners

Doug Kilgore – KD5OUG -- \$50 HRO Gift Certificate
Katherine Forson – KT5KMF -- \$100 HRO Gift Certificate
Richard Seitz – KG5HCT -- \$150 HRO Gift Certificate

Special Reminder about Dues

PARK membership runs yearly, January through December

A big THANK YOU to all who have renewed their membership for 2022

Please check your account on HamClugonline to check your paid status

Or you can email or text as follows;

secretary@k5prk.net

972-965-2000

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

State Farm provides grants – did not get one before

Irving Grant – has not come out yet

Any ideas – under \$1,000

Billy Brady – KF5ZBL – Irving Grant is delayed, should be out next month

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

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

Public Relations Director's Report – Dan Daniels – W5KKQ

Have sent John Hatch – KF5BSS my bio

I am 83 years old

3rd Monday Trades Day has moved to South Fork

Will check to see if available for Field Day

Activities Director's Report – Richard Seitz – KG5HCJ

Recurring Events

PARK Breakfast Group – Saturdays @ 0700

Poor Richard's Café – Plano, Texas

Weekly Fox Hunt

Every weekend in Richardson, Plano or McKinney

Monthly PARK Meetings

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

General Meeting – 3rd Monday 7:00 PM

Upcoming Activities

2022 Winter Field Day

January 29th and 30th from 1 PM to 1PM CST

The club is foregoing an in-person event

Special Event Stations

16th Annual Straight Key Month
January 2nd to 31st 2022 0000Z to 2359 Z
Worldwide
www.dkacgroup.com/K3y

80th Anniversary of the 8th Air Force
January 19th to 24th 2022 0400Z to 0359Z

WWII Flying Fortress Amateur Radio Club
www.grz.com/db/ww2fly

Contest

School Club Roundup
February 14th to 18th 2022
1300 UTC Monday through 2359 UTC Friday
www.arrl.org/school/-club-roundup

International DX-CW
February 19th to 20th 2022
0000 UTC Saturday through 2359 UTC Sunday
www.arrl.org/arrl-dx

Field Day 2022
June 25th and 26th 2022
Site location TBD

Conventions

ARRL National Convention
February 10th to 13th Orlando, FL.
Orlando ARC
Central Florida Fairgrounds and Expo Park
www.hamcation.com
www.arrl.org/expo

Field Day Coordinator's Report – Michael Tharp – KG5TJF

January 29th to 30th 1300 CST to 1300 CST

With covid cases on the rise, the club has decided to forego an in-person event.

The plan is to set up a zoom room for anyone who wants to just shoot the breeze during the event, to help provide the social nature of the event.

The WFD Rules are allowing for an aggregated club score – the same as last year

Operators can have a 'group/club' score tallied by entering the 'club' in their Cabrillo log file

Individual operators will operate using your own callsign (and under your own privileges) using the class and category exchange that reflects your individual situation. After the event, send in your log under your own callsign, with the club's name: 'Plano Tx ARC. We must all use the same exact club's name for PARK to get the credit

Field Day

June 25th to 26th 2022 rules have not been published yet

All pavilions except Bob Woodruff, Willow Creek and Russel Creek are open on the 25th

Mike Tharp – KG5THF will ask on Groups IO for pavilion preferences and then present the top 2 parks for the February club meeting

Mike Tharp – KG5THF will begin coordinating in March once the 2022 rules have been released by ARRL

VE Testing Results

None at this time

Old Business

In-Person meetings

We had hoped that tonight's meeting had been held in-person.

But in consideration of the ever-changing Covid situation the Board of Directors decided to continue with the online Zoom video conference, for the time being

We will be monitoring the situation month to month and will go back to normal meetings as soon as possible

As we have done in the past, the Zoom meeting link will be distributed via the groups io, the PARK newsletter, and the PARK website

New Business

None

Break

None

Raffles

None

Tonight's Program

AllStarLink Networking – Kip Moravec AE5IB

PARK Communications Director

Repeater Sites

Prestige (Near Bethany and US 75)

- K5PRK VHF 147.18 MHz + (PL 107.2)
- K5PRK UHF 444.250 MHz + (PL 79.7)
- K5PRK DStar UHF 441.575 MHz + Port B
- K5PRK DStar 23 cm 1295 MHz – 20 Digital Voice Port A
- K5PRK DStar 23 cm 1255 MHz Digital Data
- K5PRK – 11 APRS Digi and I-gate 144.340 (Off Frequency)
- K5PRK – 10 Winlink Packet 1200 Baud

Future Repeater Sites

THC Presbyterian Plano

- Waiting for Cables to be run
- Have Metrocrest UHF Repeater for this site

Medical City Plano

- COVID Protocols still in place, new contact people
- Have Metrocrest VHF Repeater for this site

TBD site

- Searching for a site for UHF repeater in the Frisco – Prosper – Celina area, or maybe Farmersville – Nevada area
- Have PARK UHF Repeater for this site

Site Data Links

Prestige – Palisades (Down)

Prestige – K5GTX (Not Stable)

Prestige – AE5IB (Not Tuned)

Prestige – THC Presbyterian (Planned)

THC Presbyterian – Palisades (Planned)

THC Presbyterian – LAARK/The Colony (Planned)

Medical City Plano (Future)

A map visual helped members see the area of coverage

Allstar Node Numbers

- K5PRK UHF 444.250 – 501620
- K5PRK VHF 147.180 – 501621
- K5PRK UHF 442.725 – 501622 (future)
- K5RWK VHF 147.120 – 46668
- K5UTD VHF 145.430 – 47344
- Search on <http://www.allstarlink.org/nodelist/>

Kip went over common Allstar DTMF commands

Status

All digital RF links from Prestige are down

will need to climb to figure it out
cameras use lint to Palisades so they are down
D-Star is down – need to go look at the computer
THC Presbyterian is not answering email
Need a site in the northwest part of county at least 100 feet AGL for
UHF repeater

Need Help

It takes time and knowledge to keep the repeater going and to make
modifications and upgrades.

Need people who want to learn how to do it

It takes time, you cannot learn it overnight

We need people for the long haul

It is a multi-year commitment, you are always learning even after
many years doing it

If interested, let Kip know at communications@k5prk.net

PARK has always been the club to support communication for ARES.
Please consider helping.

Thanks to Kip Moravec, AE5IB for a very informative presentation.

Adjournment

Motion to adjourn;

Richard Seitz – KG5HCJ

2nd of the motion

Kip Moraves – AE5IB

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