

Apr 2021



K5PRK Newsletter

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Monday Apr 19, 2021 - 7:00 pm

HF Mobile Installation and Operation - Robert Evans WW9W

[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.

The last meeting had some issues:

Some members could not join even after multiple tries

Some members could not find the link. Some members forgot.

The program presenter could not attend so the meeting ended early.

Board decision:

A reminder will be sent via a mass e-mail via io groups and via Ham Club on line to the members the day before the meeting and it will contain the meeting link.

Another reminder will be sent via the same mass e-mail the afternoon before the meeting containing the same information.

The Zoom meeting will be open at 6:45 pm to give everyone time to be admitted into the meeting, find their correct link, and get another link if needed.

There will be other board members with the access to admit members to the meeting.

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Future Club Meeting Programs:

May 17, 2021	ARRL & NTX Section News	Steven Smith KG5VK – ARRL NTX Section Manager
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Repeater Rundown as of Mid April

Kip Moravec

The Prestige Site:

We are still having noise problems with the repeater when it rains. I believe it is inter modulated noise (inter mod) from one of the other antennas on the top of the water tower. Finding inter mod is always a problem. We also do not want to touch anyone else antenna, because if it breaks for whatever reason we would be to blame. Most likely one of the other antennas does not have good grounding. And it shows up when it is raining hard at the repeater site. We are going to try to put a receiver on another antenna and see if it gets the same noise. That will prove if it is on the top and not somewhere else.

As a permanent fix, I am looking at the possibility of moving the receive antenna somewhere else. Ideally somewhere close to the transmit antenna and at about the same height. That will be hard to find.

I have added a Skywarn Mode and a ARES mode to the repeater site. When a Skywarn activation happens 5 tones are sent out:

- 330.5 Hz for 1 second, then 349.0 Hz for 3 seconds.
- 634.5 Hz for 1 second, then 707.3 for 3 seconds.
- a DTMF "A" tone (697 Hz & 1633 Hz at the same time) for 3 seconds.

The first two sets of tones work with Motorola pagers that can be programmed to listen to 147.18 MHz. DTMF Decoders are available on the internet.

The idea is you can have the radio in your bedroom with the speaker turned off. When a Skywarn net happens, the code can turn on your speaker and you can hear the net and know you should start looking out the window. Maybe once the pandemic is over with we can have a kit building session on making something like that. Let me know if you are interested in it.

During a Skywarn Net or ARES net both the VHF and UHF repeaters are linked together. So you can participate using either one.

In the background, I am backing up the whole disk for each of the 4 Raspberry Pi computers at the repeater site every Monday morning just after midnight to ensure the system has the latest backup. That has been working for about 3 weeks now.

There is a repeater message that reminds you about a Board Meeting or a General Meeting on the first and third Mondays of the month. It did not work last month, we will try again this month.

The repeater also gives the weather every hour on the hour.

Also, when there is a weather event the repeater will announce it. You may hear "Severe Thunderstorm Watch", or something like that when the condition occurs anywhere in Collin County. It checks with the National Weather Service every 4 minutes to get you the latest information.

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One of the weather cameras is not working, and the UHF D-Star is not working. It appears to be working from the internet side, but not from the RF side. We are working on a fix.

Our spring maintenance climb will be on May 8. I will need some help with people on the ground for support. Please keep the date free.

Finally, we are looking for a UHF radio to use for VARA and Packet Winlink at the Prestige site (and maybe at another site). VARA is much faster than the 1200 Baud packet for sending Winlink emails. We want a place where people can practice.

THR Presbyterian Site:

We have given the hospital a bundle of three coaxes and 5 Ethernet. As soon as the cables are ready, we will install a Metrocrest Amateur Radio Society repeater there. It will also be linked during Skywarn and ARES nets to cover the depression in the Southwest corner of the county.

Medical City of Plano Site:

We still cannot get access because of COVID restrictions.

Hillcrest Site in Frisco:

We were informed the City of Frisco had an engineering study done and they determined there were too many antennas on the top of the Hillcrest Water Tower. So we can not use that as our site. Frisco required us to have a professional climber for every climb. That would cost approximately \$4,000 for setup, and about \$1,000 per year for maintenance.

We are looking for another site.

McKinney Amateur Radio Club:

MARC has offered their Melissa repeater to us for Skywarn and ARES nets. We had a meeting last Thursday (April 8) and plan to continue a Thursday meeting until we get the linking details hammered out.

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Welcome new PARK members:
No new members this month



Field Day 2021

The PARK board has decided to NOT sponsor Field Day 2021. While pandemic issues seem to be improving and many of us have been vaccinated, it is not the right time for the great Field Days we have had in the past. Hopefully 2022 will be 'normal'. There are still many ways to participate. Below is an article from ARRL with ideas. Home operators can work anyone and their scores are added to create a PARK score. Small 'pods' of hams could operate at home or set up outside. Invite some of the many new hams to participate in their first Field Day.

What ideas do you have? Post on [Facebook](#) or [IO Group](#)

ARRL to Extend Field Day Rule Waivers from 2020, Add Class D and E Power Limit

The COVID-19 pandemic-modified [ARRL Field Day](#) rules from 2020 will continue this June with the addition of a power limit imposed on Class D (Home Stations) and Class E (Home Stations-Emergency Power) participants. The news from the ARRL Board's Programs and Services Committee comes as many clubs and groups are starting preparations for Field Day in earnest. Field Day 2021 will take place June 26 - 27.

The [ARRL Field Day](#) web page contains complete rules and entry forms, as well as any updated information as it becomes available. Join the ARRL Field Day [Facebook group](#). Read [an expanded version](#).

Planning Your ARRL Field Day 2021 Operation

by Paul Bourque, N1SFE - ARRL Contest Manager

For most of us, ARRL [Field Day](#) 2021 is going to look quite different than it did in past years. Considering the impact of social distancing due to the pandemic, many radio clubs and large groups will not gather in their usual Field Day locations this year. Whether you are a seasoned veteran or a Field Day first-timer, there are many questions about how to participate in amateur radio's largest annual on-air event under these unusual circumstances. Here are some tips and suggestions to help you plan this year's operation.

Don't Forget 6 Meters

Remember, Field Day is a non-adjudicated operating event and not a "full speed ahead" contest. It is also not an HF-only event -- all amateur radio bands above 50 MHz may be used during the event.

This includes 6 meters, which often offers significant propagation enhancements in the summer months around Field Day weekend, to help you make contacts. The band is available to amateurs holding a Technician-class license or higher. If you have an HF/VHF/UHF multi-mode transceiver, try making contacts using 6 meters for SSB, CW, or digital contacts. You won't need fancy beams or large antenna arrays. A simple vertical or dipole antenna will allow you to experience operating on the "Magic Band."

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Activities for Techs

One suggestion for clubs to consider in order to increase participation among their Technician-class members is to schedule specific times where these club members will monitor designated VHF and UHF simplex frequencies for Field Day activity. Keep in mind that the published national FM simplex calling frequencies should be avoided, and the use of repeaters is prohibited. This way, members who have equipment capable of VHF/UHF-only operation may be able to participate from their homes or vehicles. Your club can choose a list of frequencies and scheduled times in advance, and publish them in the club newsletter, or via email or other electronic means before the start of the event.

On the HF bands, Technician-class licensees have CW privileges on 80, 40, and 15 meters, as well as RTTY/data and SSB phone privileges on 10 meters. If you aren't a CW operator, try calling CQ on 10 meters SSB in the late afternoon and early evening on Saturday and see if conditions are favorable for long-distance communications. Try experimenting with a simple wire antenna for 10 meters -- you might discover that the band can offer plenty of unexpected propagation.

Get Set Up for Digital Modes

You might want to explore one of the newer FT4/FT8 digital modes on 10 meters, 6 meters, or even the VHF/UHF bands. These modes offer an opportunity to make weak-signal contacts when band conditions often do not support voice communications. There have been reports of some great 6-meter openings in recent weeks, and these are likely to occur more frequently as the summer months approach. If you've never experimented with digital modes, perhaps this year is an opportunity to give them a try.

If you've never used digital modes before, the setup is relatively straightforward. You'll need a computer, a digital interface to connect the radio to the computer, and you'll also need to download one of the digital mode software packages such as *WSJT-X*. Many modern transceivers have built-in support for digital modes, so in those cases, all you'll need is the proper cable to connect the radio to the computer's USB port. You'll need a version of the software that supports the ARRL Field Day exchange (*WSJT-X* version 2.0 or later, for example). *WSJT-X* software is available for free download at www.physics.princeton.edu/pulsar/K1JT/wsjsx.html. ARRL's book [*Get on the Air with HF Digital \(2nd Edition\)*](#) is also a great primer for anyone beginning to explore the digital modes.

The Excitement of Ham Satellites

Another area you might wish to explore is operating via one of the amateur radio satellites, or "birds," as they're often called. Many hams have had success making contacts via the FM satellites by using a VHF/UHF handheld radio and a small handheld directional antenna, or a multi-mode VHF/UHF transceiver for the linear (SSB and CW) satellites. You'll only be able to work the satellites when they are overhead, so you'll need to know when they will be visible at your operating location. Visit AMSAT's *Online Satellite Pass Prediction* page at www.amsat.org/track/index.php to see which ones will be orbiting overhead, and at what times they'll be visible. You can find many satellite operating tips and resources at www.amsat.org as well.

An Opportunity for Learning

ARRL Field Day 2021 may be the year you decide to participate solo, or with other members of your household. Perhaps the focus of your activity this year can be to expand your knowledge base and experiment with new modes or bands that you never thought of operating on. If you're a mentor to a newer ham, Field Day can be an opportunity to share some of your knowledge with them, and for you to expand your own operating horizons. This might be the year to leave your Field Day comfort zone and try something new!

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Thanks to <https://www.facebook.com/groups/Amateur.Radio.Funnies>



Surprised my wife today ❤️



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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@arrrl.net

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Throughout amateur radio history, there has always been a tradition of radio operators and clubs to share their knowledge with others. This may be accomplished through direct communications while on the air with others or through magazines and newsletters. The **Tyler Amateur Radio Club (Tyler ARC) in Tyler, TX** is reaching out to other clubs around the Lone Star State and other states to continue this long standing tradition shared by amateur radio operators.

As an outreach effort to other amateur radio clubs and their members, Tyler ARC is sending a courtesy copy of its newsletter "**The GroundWire**" to radio clubs for distribution to their respective members. The following link is to the newsletter in PDF format than can be downloaded. [The GroundWire Link](#)

NOTE: This excellent newsletter is filled with interesting articles. – NE5IL

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San Antonio Radio Club is planning Radio Fiesta 2022. We have moved the event from January to **June 17 & 18, 2022** at the Schertz Civic Center. We will be using eventbrite for reservations of specific locations. More details to follow as the date gets closer. Contact radiofiesta@w5sc.org for more information. Save the date- June 17 & 18, 2022

ARLB011 Updated Radio Frequency Exposure Rules Effective on May 3

The FCC has announced that rule changes detailed in a lengthy 2019 Report and Order governing RF exposure standards go into effect on May 3, 2021. The new rules do not change existing RF exposure (RFE) limits but do require that stations in all services, including amateur radio, be evaluated against existing limits, unless they are exempted. For stations already in place, that evaluation must be completed by May 3, 2023. After May 3 of this year, any new station, or any existing station modified in a way that's likely to change its RFE profile - such as different antenna or placement or greater power - will need to conduct an evaluation by the date of activation or change.

The Report and Order can be found online in PDF format at, <https://docs.fcc.gov/public/attachments/FCC-19-126A1.pdf>.

RF Exposure and You is available in PDF format for free download from ARRL at, <http://www.arrrl.org/files/file/Technology/RFsafetyCommittee/28RFSafety.pdf>

ARRL has an RF Safety page on its website at, <http://www.arrrl.org/rf-exposure>.

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The communications committee is looking for **Ham volunteers to support the 2021 MS Ride.**

It is only a one day event this year. Saturday, May 15th. The start and stop will be at Texas Motor Speedway.

Communicators provide controlled safety and logistics nets for the event. This includes tracking tactical assets via APRS.

If you are interested, visit the comms event site or reach out to John Galvin-N5TIM (n5tim.ps@gmail.com). [DFW MS Ride Comms](#)

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A [WebSDR](#) is a Software-Defined Radio receiver connected to the internet, allowing many listeners to listen and tune it simultaneously. You can literally tune around the radio spectrum using your own computer (connected to the internet) and a web browser.

SDR technology makes it possible that all listeners tune independently, and thus listen to different signals; this is in contrast to the many classical receivers that are already available via the internet.

NOTE: You can select from 200 different 'servers' or receivers that cover the entire radio spectrum. You can listen to yourself from anywhere in the world, as an example. No HF radio but want to hear what it is? Select a web sdr receiver that covers the band you want to check out and control it like it is yours....NE5IL

An example:



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ARRL North Texas Mentor Fest

Scheduled for April 2021, will be Held **Virtually**.

There are now seven Presenters scheduled for **Saturday the 24th of April 2021** with the possibility of one more presentation forthcoming.

Here is the current Line-up:

8:30 Mentor Fest Opening Remarks by your Section Manager and any distinguished guests

9-10 AM ARRL NTX YLs in Action presented by KG5CQO and Team

10:10-10:40 Learning and Enjoying CW by NM5M

11-12 WinLink by KF5PFP

12:20-1:20 Portable ECOM by N5REG

1:40-2:40 Space Weather for Hams by NW5Q

2:50-3:50 Virtual Ham Radio Shack by KB5NFT

4:00-5:00 Towers and other Support Structures by N6BT

I will present One door Prize for Each session and one at the closing Ceremony, a Total of 8 door prizes

Watch the [ARRLNTX.ORG](https://www.arrlntx.org) website for more info and any possible changes, additions.

Presentations will be hosted on The ARRL NTX YouTube Channel

<https://youtu.be/IKm4CeVXOH0>

No preregistration needed, you may go to the link now and let YouTube create a reminder for you or just add it to your calendar with the link,

of course, the link is also available on the [ARRLNTX.ORG](https://www.arrlntx.org) website

73

Steve

KG5VK

KG5VK@ARRL.ORG

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Shack Tours

Hey all, would you like to see how others have set up their shack?

See what kind of gear they use to enjoy the hobby - what interests them - find out what they like, and what they might still have a couple issues with?

Well, this is what our PARK Radio Shack tours are all about.

Since we're all "homebound" for the foreseeable future, we're doing this via "technoooooIIllooogyyyyy" because we're hams and this is what we do. We're suing Zoom. It's also a way we can get to know each other a little better until we can hang out at meetings and service events again.

We are looking for more than an audience- we are looking for VOLUNTEERS willing to invite fellow club members into your Radio Shack. All you need is a cell phone (do you have one of those?) and some WiFi in the house, or even one of those fancy "unlimited" cellular plans will make it work without WiFi.

You connect to the zoom meeting with your cell phone.

Use the selfie camera to say hello.

Tap the screen to switch the camera around to the back camera and then point the camera at what you're talking about.

This is the one time waving the camera around pointing at all kinds of stuff is the correct thing to do.

Listen to people's questions. Provide some answers.

If you have questions of the audience, ask them- they may have a solution for you.

When you're done, tap the screen to swap the camera back around to you.

That's it.

We'll set up the Zoom, and after you tap a few numbers into your phone, you'll be connected.

No business stuff. No roll call. No cookies or donuts. Just sharing some time together.

Are you in?

- note, if you don't have an unlimited plan, and don't have wifi, we don't want to eat up all your data, so if you don't have WiFi or an unlimied cell plan then it's probably best you don't give a Radio Shack tour -

Anthony Burokas

General Class Ham (KB3DVS)

Moderator: DFW Radio Operators list — DFW-RO

Member: Plano Amateur Radio Klub – <http://k5prk.net>

20-year video producer — IEBA.com

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2021 World Amateur Radio Day is April 18



What: 2021 World Amateur Radio Day

Who: All amateur radio operators worldwide

When: Sunday, April 18, 2021 at 0000 UTC until Monday, April 19, 2021 at 0000 UTC

Where: A global event covering all regions of the International Amateur Radio Union (IARU)

Why: World Amateur Radio Day, held on April 18 each year, is celebrated worldwide by radio amateurs and their national associations which are organized as member-societies of the International Amateur Radio Union (IARU). It was on this day in 1925 that the IARU was formed in Paris. American Radio Relay League (ARRL) Co-Founder Hiram Percy Maxim was its first president.

Amateur radio experimenters were the first to discover that the short-wave spectrum could support long-distance radio signal propagation. In the rush to use these shorter wavelengths, amateur radio was “in grave danger of being pushed aside,” the IARU’s history has noted. Amateur Radio pioneers met in Paris in 1925 and created the IARU to promote the interests of amateur radio worldwide and to protect and enhance its spectrum privileges. Today, the IARU is a federation consisting of more than 160 national amateur radio organizations in as many countries and separate territories. The International Secretariat of the IARU is ARRL, the national association for amateur radio® in the United States.

On World Amateur Radio Day, all radio amateurs are invited to take to the airwaves to enjoy our global friendship with other amateurs, and to show our skills and capabilities to the public.

IARU has chosen “*Amateur Radio: Home but Never Alone*” as the theme for World Amateur Radio Day, Sunday, April 18, 2021. The theme acknowledges that during our physical distancing to reduce the spread of the COVID-19 virus, amateur radio stands out as welcome respite for its variety of activities and opportunities – even helping overcome online fatigue and social isolation. The amateur radio community has organized “wellness nets” to keep amateurs in touch and check on those who may be higher risk or elderly, “stay safe” special event stations across the globe, and has encouraged generally higher levels of on air activity.

For its part, ARRL has accelerated new opportunities for its members to connect and learn through the ARRL [Learning Network](#) webinar series, and temporary rule changes to popular on-air events to encourage greater individual and at-home participation. Over the last year, many ARRL-affiliated radio clubs and in-person ham radio events moved their activities online. These efforts have all ensured that radio amateurs remain active and involved throughout our common pursuit of skill, service, and discovery in radio communications and radio technology.

How: World Amateur Radio Day is not a contest but rather an opportunity to “talk” about the value of amateur radio to the public and our fellow amateur colleagues. It is also a great opportunity to talk about your radio club and amateur radio in local media as a lead-up to ARRL Field Day (held each year during the fourth full weekend in June) and another ham radio related activity in your community – such as volunteers who serve in local emergency communication readiness including the ARRL Amateur Radio Emergency Service®.

Here are just a few ways to participate in, and promote, World Amateur Radio Day:

- Get a station on the air! Create your own personal “event” to talk about amateur radio to others, including family and friends.
- Find out more about World Amateur Radio Day by checking the IARU website and other Resources listed below.

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- Create and hold a special net or on-air event on World Amateur Radio Day to raise the level of attention for the celebration, and to encourage other hams to talk about our hobby. Consider creating and offering a commemorative certificate for contacting your special activation. It can be an electronic one as these are cost effective.
- **ARRL Rookie Roundup** SSB is Sunday, April 18, 2021 from 1800 to 2359 UTC. The contest is aimed at hams licensed for three years or less. Use the opportunity to wish participants "Happy World Amateur Radio Day 2021" on the air.
- Get the word out! If you are an ARRL Public Information Coordinator, Public Information Officer, or responsible for radio club publicity, send a press release and conduct some public relations outreach to highlight the day and/or events. Use the IARU theme for 2021 to create a relevant, powerful, and contemporary message. Talk about all of the activities radio amateurs have continued to support during the pandemic, and how amateur radio serves our communities. Find recent examples of amateur radio in-the-news at www.arrl.org/media-hits.
- Promote your personal World Amateur Radio Day activity(ies) on social media platforms like Twitter and Facebook by using the hashtag **#WorldAmateurRadioDay**. Make sure you send it to various clubs, reflectors, and media.

Join us in celebrating World Amateur Radio Day and all the ways amateur radio brings us together!

Mark Driscoll, W5MED, will operate KC4USV at Antarctica's McMurdo Station for World Amateur Radio Day. Look for him at 14.243 MHz SSB and 14.070 (FT8), April 17, 2330 - April 18, 0230 UTC, and April 18, 0600 - 0800 UTC.

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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 16) focuses on Parks on the Air (POTA), one of the most popular activities taking place in amateur radio today. We chat with Audrey Hance, KN4TMU, a relatively new ham who recently operated from Panther Creek State Park in Tennessee.

The latest edition of the *Eclectic Tech* podcast (Episode 31) finds the PSK31 digital mode alive and well, with many amateurs using it to rediscover the joys of real keyboard-to-keyboard conversation. Also, QST and QEX author Phil Salas, AD5X, discusses the revolution taking place in small, inexpensive vector network analyzers, or VNAs.



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> Get the latest Section News.

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

These are 30 minutes presentation with 15 minutes allotted for Question and Answer session following the presentation These presentations are online using GoToWebinar which is safe Industry standard software.

Check out the ever growing [list of presentations](#).



Finding and Fixing RFI -- Paul Cianciolo, W1VLF,
Tuesday, April 20, 2021 at 1 PM EDT (1700 UTC)

HF Noise Mitigation -- ARRL Northwestern Division Director Mike Ritz, W7VO,
Thursday, May 6 at 3:30 PM EDT (1930 UTC)

[2020-2021 ARRL Contest Dates PDF](#)

Apr 6 – Learning Network Webinar: The Art and Science of Operating Ultra-Portable

Apr 18 – World Amateur Radio Day

Apr 20 – Learning Network Webinar: Finding and Fixing RFI

Apr 22 – Learning Network Webinar: HF Noise Mitigation

Apr 27 – Morse Code Day

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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.

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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

Apr 2021

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>

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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](#).

Apr 2021

PARK members who have not renewed for 2021.

We are asking you to renew as soon as possible.

We have 66 members who have renewed. We need at least 90 members to renew to help keep us able to meet our obligations. We would appreciate if you intend to renew to please do so as soon as possible.

You can mail a check to

Plano Amateur Radio Klug
PO BOX 860435
Plano, Tx 75086-0435

Or you can pay through PayPal located on the web site under 'Dues' located at the top of the home page.

Ham Club on line

To all members;

Especially to those who have renewed their PARK membership for 2021, please log on at

<https://www.hamclubonline.com/> and check your information as indicated below;

call sign
name
address
email
phone number

Most do not have a phone number, which is fine, but I do need your email address since this is the way I will be able to communicate with you. If you do not want your email visible to others, let me know and I will go in and hide it.

If you know of a new member, please give them my email address, secretary@k5prk.net because for some new members who paid through PayPal I do not have the call sign and I really need that info.

If you can not log in please make yourself an account and add PARK to your list of clubs. It will send me an email to approve you, which I will and thereby be able to get the above info.

If you have any problems, please contact me at secretary@k5prk.net or text me at 972-965-2000.

Thanks so much for your help

Johnnie – KG5CQO

Secretary

PARK Members,

I would appreciate if every member would fill in the following registration form. I am particularly in need of the information concerning ARRL. To continue to be considered an ARRL Affiliate Club we need to have 51% of our members to also be members of ARRL. If you were considering it, please join.

Thank you for considering this.

Apr 2021



PLANO AMATEUR RADIO KLUB

Application for Membership

Annual KLUB Membership (Individual).....	\$30.00/Year	_____
Family Membership (Immediate Family Members).....	\$40.00/Year	_____
Student Membership (18 and Under).....	\$ 5.00/Year	_____
D-STAR Gateway Registration	\$50.00	_____

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: _____

ARRL Member ? _____ ARES Member ? _____

Published Membership Information

The PARK Membership Information is available on the club web site <http://www.k6prk.org> to only paid members. It is the responsibility of the individual member to populate the member profile with the desired information. PARK information will be emailed to members via the web site mailing list.

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 _____

Apr 2021

Hammarlund HQ-180 and Matching Speaker Donated Receiver for Sale



More High-Resolution Pictures

<https://drive.google.com/drive/folders/1mjwLQs2mYnluviDoE6EGtBCpEU91V2P?usp=sharing>

General Condition

- Electrical
 - The unit was reported to be recapped in the 80's
 - When I received it, using a variac I slowly increased the voltage
 - The unit does receive, but I am sure it needs a good tune up
 - I have received, AM, USB and LSB signals
 - I have not tested some of the functions; Slot Frequency, Noise Limiter
 - The crystal calibrator works
 - The clock does not work
- Physical
 - Generally, in very good condition
 - I think the chassis was repainted at one time in its past
 - It is currently a bit dusty, but should clean up nice
 - All the controls operate smoothly

Sale Price \$250.00

- All funds will go to the Plano Amateur Radio Klub (PARK)
- Since PARK is a 501c3, we can provide a donation receipt
- This is an AS-IS sale, and the sale is final
- Unfortunately, due to COVID restrictions you will need to make the purchase based on the photos supplied.
- If you have any questions about the unit, please send them to tony@w5adc.com .

Apr 2021

March meeting minutes

Start time: 7:04 pm
 Location: Via Zoom
 Facilitator: Sean Kelly – W5SPK -- President

Members 16
 Guest 4

Pledge was led by Sean Kelly – W5SPK

President Sean Kelly -- W5SPK

Agenda:

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

Officers Reports

Old Business – from the floor
 New Business – from the floor
 Tonight's Presentation
 Mobile HF Operations
 Robert Evans, WW9W
 Q and A
 Close

President's Report Sean Kelly –W5SPK

Spring is here. It is time to take stock of our "GO BAGS" in preparation for what I believe will be a very active Spring. (Research La Nina weather patterns, streams, and associated histories in DFW.) Please make every effort to participate in Collin County ARES nets and drills. The need to practice like you play remains essential for mission success.

The Board met regarding Field Day 2021. In the wake of the pandemic, Field Day will be conducted in a manner conducive to maximizing safety for our senior members and eliminate large gatherings. Please participate using the club call sign and turn in your logs for inclusion.

Apr 2021

Vice-President's Report Tim Johnson – K5TCJ

Not in attendance

Report presented by Sean Kelly – W5SPK

Programs

Tonight March 15, 2021

HF Mobile Installation and operation

Robert Evans – WW9W

April 19, 2021

ARRL & NTX Section News

Steven Smith, KG5VK

ARRL NTX Section Manager

May 17, 2021 TBD

PARK Recurring Activities

Every Thursday Night – Informal Net – at 2000

Late Riser Breakfast – Saturdays @ 0530

Recommend following Social Distancing Protocol

'No Name' Riser Breakfast – Saturdays @ 0900

Recommend following Social Distancing Protocol

April Meeting Schedule

April 5, 2021 Board Meeting

April 19, 2021 General Membership Meeting

May 2021 Meeting Schedule

May 3, 2021 – Board Meeting

May 17, 2021 – General Membership Meeting

June 2021 Meeting Schedule

June 7, 2021 – Board Meeting

June 21, 2021 – General Membership Meeting

Secretary's Report Johnnie Young – KG5CQO

secretary@K5prk.net

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

Any questions about the minutes?

Nell Bartels, KA5PHN, asked why the Treasurer's Report is not published in the meeting minutes.

Johnnie Young, KG5CQO and John Hatch, KF5BSS, explained that since the public can join the web page and thereby see the monthly minutes and can see the content of io groups, and the newsletter the information could be viewed by the public. We do not want the general public to have knowledge of the club's finances.

Nell Bartels, KA5PHN, was asked if she was ok with that and she gave a thumbs up.

Apr 2021

As of March 12, 2021, we have 83 members and 56 members belong to ARRL.

That gives us 67% of the voting membership is also a member of ARRL. ARRL requires 51% for the club to remain affiliated.

Any questions?

None

The members were presented with the names of new members.

They are;

Guy – KI5NUH and

Jamie Fawn Meade – KI5NUN

Ken Matthews – KI5NNW

Britney – KI5NWW and

David Bright (not a Ham as yet)

Sean Kelly – W5SPK

Asked for a motion to accept these 5 new members

Motion made by Kip Morave, AE5IB

2nd Bob Bartels, K5MVZ

Members agreed

Motion passed

Welcome to our 5 new members.

Chat during this part of the meeting;

Would like a copy of names and emails of new members rather than just voting them in

Johnnie Young, KG5CQO responded verbally that since some members do not want their e-mails made public that the club could not give members e-mails even to other club members

Treasurer's Report Ross Watson – AF5QK

Not in attendance

Report given by Johnnie Young – KG5CQO

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

Communications Director Kip Moravc -- AE5IB

D Star has been having issues

Fred Varian, WD5ERD, is working on this issue

Hillcrest Site will not be available for the club

An engineer said there can not have any more antenna

The good thing is the climb would have cost about \$4000.00

Now we need a new place

Plano got the cable today with information on how to install this cable

Should be completed in about two weeks

Apr 2021

Newsletter Editor Neil Gould – NE5IL

Sorry it was a little late

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

Any articles for the web site

Place to see all announcements

Any help with io groups

Io groups has a place for forum for radio type discussions

Any issues let me know at webmaster@K5prk.net

[People who join the web page can fill-out the profile and can share](#)

[If you have an account, you can view the directory](#)

Public Relations – Brian Trant – KF5VFM

Not in attendance

Nothing to report due to social distancing protocol

Activities Director Tony Campbell—W5ADC

Working on the repeater cabinet

Hoping to get something done for Field Day

Field Day Coordinator Michael Tharp – KG5TJF

Will keep all the logs for Field Day

Working with Anthony Burokas, KB3DVS, about finding a place

Old Business

None

New Business

Tony Campbell, W5ADC, lithium batteries are a little expensive but have a long Life

Katherine Forson, KT5KMF, Wheatly will be in Plano for March 20th and 21st.

Tonight's Presentation –

Mobile HF Operations

Robert Evans WW9W

Not in attendance

No presentation

Apr 2021

Motion to adjourn

1st Tony Campbell, W5ADC

2nd Kip Moavec – AE5IB

All agreed

Adjourned: 7:40 PM

Apr 2021