

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

Special Zoom Meeting Notice

Monday Dec 21, 2020 - 7:00 pm

Contesting from an HOA Station - Eric Silverthorn NM5M

Join Zoom Meeting

https://zoom.us/j/93735735755?pwd=OVhubGR0b0k0MUUrSWQ5N051QkhZZz09

In this Issue

The deadline for the Christmas Raffle has been extended to 2359 HRS Friday, December 18, 2020.

<u>Pay your dues</u> - AND - maybe if you have been good the Christmas Elf on the Shelf will draw your name and you win a radio.

Short Takes - several items you may have missed

Successful fox hunters in Plano Nov 21-22

Using Power Tool Batteries for Amateur Radio Applications

ARRL News and Info

Area Nets

Ham Radio References

Secretary Minutes from Nov 16

Future Club Meeting Programs:

Jan 18, 2021	Solar Weather	Stan Starks - NW5Q
Feb 15, 2021	Weather Radar Fundamentals	Samiee Espinoza WX5JMD

Meet informally on the PARK repeater,

147.18, <u>Thursdays starting around 8:00 p.m</u>. Think of things you want to talk about, tell us about your shack, questions about something you are having difficulties with and anything you want to talk about.

'Twas the night before Christmas, And all through two-meters, Not a signal was keying up Any repeaters.

The antennas reached up From the tower, quite high, To catch the weak signals That bounced from the sky.

The children, Technicians, Took their HT's to bed, And dreamed of the day They'd be Extras, instead.

Mom put on her headphones, I plugged in the key, And we tuned 40 meters For that rare ZK3.

When the meter was pegged By a signal with power. It smoked a small diode, And, I swear, shook the tower.

Mom yanked off her phones, And with all she could muster Logged a spot of the signal On the DX PacketCluster,

While I ran to the window And peered up at the sky, To see what could generate RF that high.

It was way in the distance, But the moon made it gleam -A flying sleigh, With an eight element beam,

And a little old driver Who looked slightly mean, So I thought for a moment That it might be Wayne Green. But no, it was Santa, The Santa of Hams, On a mission this Christmas To clean up the bands.

He circled the tower, Then stopped in his track, And he slid down the coax Right into the shack.

While Mom and I hid Behind stacks of *CQ*, This Santa of hamming Knew just what to do.

He cleared off the shack desk Of paper and parts, And filled out all my late QSLs, for a start.

He ran copper braid,
Took a steel rod and pounded
It into the earth
Till the station was grounded.

He tightened loose fittings, Resoldered connections, Cranked down modulation, Installed lightning protection.

He neutralized tubes In my linear amp... (Never worked right before – Now it works like a champ).

A new low-pass filter Cleaned up the TV. He corrected the settings In my TNC

He repaired the computer
That wouldn't compute,
And he backed up the hard drive
And got it to boot.

Then, he reached really deep In the bag that he brought, And he pulled out a big box. "A new rig?" I thought!

"A new Kenwood? An Icom?
A Yaesu, for me?
An Elecraft, TEN-TEC
Or Flex, could it be!"
(If he thought I'd been bad
It might be QRP!)

Yes! The Ultimate station!
How could I deserve this?
Could it be all those weekends
I worked Public Service?

He hooked it all up And in record time, quickly Worked 100 countries, All down on 160.

I should have been happy.
It was my call he sent.
But the cards and the postage
Will cost a month's rent!

He made final adjustments, And left a card by the key: "To Gary, from Santa Claus. Seventy-Three."

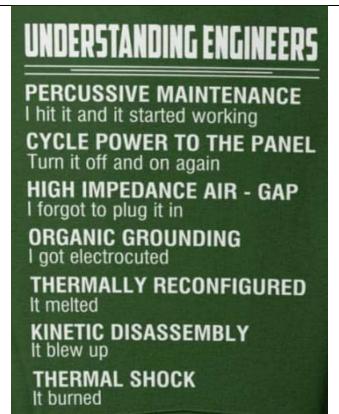
Then he grabbed his HT, Looked me straight in the eye, Punched a code on the pad, And was gone - no good bye.

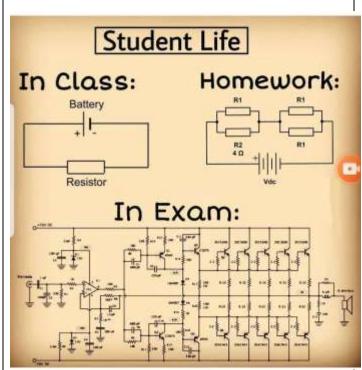
I ran back to the station, And the pile up was big. But a card from St. Nick Would be worth my new rig.

Oh, too late, for his final Came over the air. It was copied all over. It was heard everywhere.

The Ham's Santa exclaimed What an old ham expects: "Merry Christmas to all, And to all, good DX." © 1996, 2016 Gary Pearce KN4AQ

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









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 – 20.000DStar 23cm

Digital Voice Port B

1255.000 MHz DStar 23cm Digital Data

Broadcastify K5PRK 444.250 K5PRK 147.18

Short Takes

Let's meet on the PARK repeater <u>Thursdays starting around 8:00 p.m</u>. Think of things you want to talk about, tell us about your shack, questions about something you are having difficulties with and anything you want to talk about. We'll start at 8:00, and go for however long people want to hang around. No set agenda, just talk. Someone may need to moderate if there are lots of people, but no net control unless needed. This is your time to talk about radio and related subjects.

Rules: Please no politics, religion or vulgarity.

73, Michael K5MFP

The **2021 SKYWARN** training will be held virtually and jointly with Denton County. As we get closer, a registration link will be provided. The number of seats is limited. The training is scheduled for January 16th.



This Week in Amateur Radio

<u>Terrifying footage shows</u> collapse of Arecibo Observatory's massive radio telescope.

Successful fox hunters in Plano Nov 21-22 were:

Mark Hammons N5MSH
Tony and Mary Campbell W5ADC
Delynda Moravec KE5VTI
Kipton Moravec AE5IB
Jason Shipley KF5LJC
Buddy Shipley KF5LJD
Don Griffin WS5L
Bob Romans KI5GRN
Hash and Avery Salehi AG5OW
Chip Coker KD4C
Paul Vizard K5PAV

Congratulations to everyone who found Wheatley! He really enjoyed his field trip... from our garage to the front of our house! We were so tired after last week's football game and marching competition that Wheatley decided he didn't need to go very far.

Some comments:

"Wheatley is communicating by mail"

"How fun!! Wheatley was hiding at Katherine's house!! Avery was so excited when we figured it out, she saw your name on the sign in the yard before we looked up your call sign."

"I definitely got Swallowed up in this Branch. Plano is far more hilly than Richardson. Lots of peaks and valleys. Also nice Ed Fong in the shrubs! Gil Wolves!"

"Arrrrgh! &@^%##££¥€€>"

Also, hat tip to Chip: he was the only one who noticed the Ed Fong antenna sticking out of the bushes!

The winner of the \$25 gift certificate will be selected during the Dec 21 meeting.

73 Katherine KT5KMF Driver K5WFR





USING POWER TOOL BATTERIES FOR AMATEUR RADIO APPLICATIONS

TONY CAMPBELL-W5ADC

As I was looking around the shop recently, it dawned on me that I have a bunch of 18 VDC battery packed used for my power tools that I might be able to adapt to power 12 V and USB equipment. To solve this problem, there are really two issues that must be resolved. The first problem is how to adapt to the battery pack. In my case, I have standardized on Hitachi 18v tools. The battery packs are 3 Ah Li-ion based. If you look at the battery, the terminals are clearly marked. I would assume that other batteries are marked in a similar fashion.



It would be simple just to hook a terminal lug up to the positive and negative terminals of the battery. That did not look to robust to me. A little searching on eBay turned up the following:



In my case the following was used:

https://www.ebay.com/itm/battery-adapter-for-Hitachi-metabo-hpt-18v-dock-power-connector-12-gauge-wires/143827188983

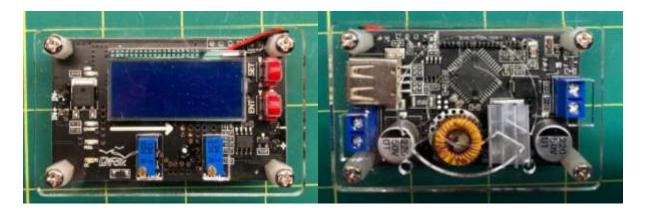
This vendor has many other similar adapters for other battery systems; Kobalt, Milwaukee, Dewalt, Ryobi, etc.

His store is here:

https://www.ebay.com/str/terrafirmatechnology

I was impressed with the quality and fit of the part. Delivery was only a few days.

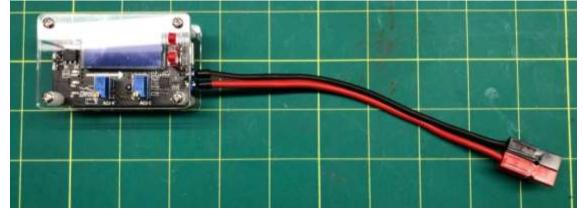
The next issue is converting the 18v to 12 v for use with other equipment. It did not take long to find the following on Amazon.



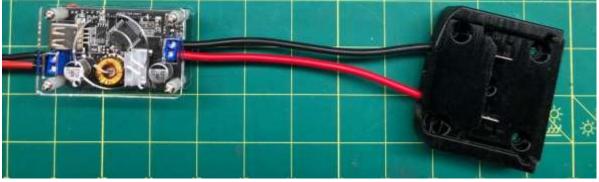
https://www.amazon.com/gp/product/B07JZ2GQJF/ref=ppx_yo_dt_b_asin_title_o08_s00?ie=UTF8&psc=1

This unit will accept 6-32 VDC as an input and output 1.5-32 VDC. The input voltage must be at least 1.5 VDC greater than the output. The maximum current is 5 amps, and it is also provided with a USB port that can be used if the voltage is adjusted to 5 VDC. It has a nice display and is provided with a protective cover.

Setup and wiring were very simple. I connected short cable with a powerpole plug to the output.



I then connected the input to the battery adapter.



I used some Velcro to attach the power adapter to the battery adapter and the project is completed.



Testing

I did run some tests to validate the performance.

The unit did run at 12 VDC output at 4 A for an extended period of this without issues. I was not able to test it above this level due to test equipment limitations I have.

Summary

This is a reasonable way to utilize power tool batteries to power 12 VDC and USB powered equipment. It is a low cost alternative to having additional batteries.

Tony Campbell-W5ADC

ARRL News

ARRL magazines

Eclectic Tech

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

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 *On the Air* podcast is a monthly companion to *On the Air* magazine, ARRL's magazine for beginner-to-intermediate ham radio operators.

The latest episode of the *On the Air* podcast (Episode 12) will feature a discussion about storm spotting and SKYWARN, with Mike Corey, KI1U, coauthor of <u>Storm Spotting and Amateur Radio</u>, now in its third edition.

The latest edition of *Eclectic Tech* (Episode 22) describes how some companies are experimenting with gravity as a means of generating electricity. Then, a discussion with ARRL Assistant Laboratory Manager Bob Allison, WB1GCM, about how modern transceivers compare to vintage models.

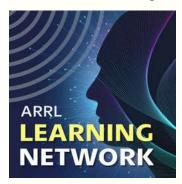
The *On the Air* and *Eclectic Tech* podcasts are sponsored by Icom. Both podcasts are available on iTunes (iOS) and Stitcher (Android), as well as on Blubrry -- On the Air | Eclectic Tech.

The new ARRL North Texas Website is now Live https://arrIntx.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 <u>list of presentations</u>.



The ARRL Foundation Has YOUR Money In Its Pocket

ARRL Foundation Scholarships

Since 1973, the ARRL Foundation, with the generosity of many donors and the hard work of a long line of dedicated Foundation Directors, has had a positive impact on the lives of many young amateur radio operator students. For the 2020 academic year the Foundation awarded almost \$300,000 in scholarships.

For the academic year 2021, there are two new \$25,000 scholarships, thirteen \$10,000 scholarships, nine \$5,000 scholarships, as well as dozens of \$1,000 and \$500 scholarships.

The 2021 Scholarship Application Deadline Is Around The Corner but, no one can have any of that money. Unless an application is filed before the deadline.

The deadline for submitting an application for a 2021 academic year scholarship is December 31, 2020. The Foundation has money that is looking for a good home — you or your club by promoting the availability of these scholarships could change someone's future for the good.

So, please beat the drums, shout the news from the roof tops (if you get arrested for disturbing the peace, don't call us), send emails to your friends and announce both the availability of the scholarships and the approaching deadline in your club newsletters.

A description of the many scholarships available is online. http://www.arrl.org/scholarship-descriptions
The scholarship applications are also online. http://www.arrl.org/scholarship-application

John Robert Stratton, N5AUS, West Gulf Division Director

Lee H. Cooper, W5LHC, West Gulf Division Vice Director

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. 146.520 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".

N5LOC Repeater (145.25MHz, PL Tone 141.3Hz, Offset -0.600 MHz)

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

ARES, RACES & Other Public Service Emergency Responders (like local CERT groups) Training. N5LOC Repeater (145.250 PL Tone 141.3 Offset -0.60MHz)

3rd Tuesday at 7:30 pm

Simplex Net 146.40 – Temporarily suspended

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

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

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 <u>30 different frequency bands</u> 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/ysOq6ywTSzUhttps://youtu.be/rs0i0h4OyMo

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

Licensing:

There are <u>3 levels of ham radio licensing</u> in the US, Technician, General and Extra. Each level requires passing a multiple choice exam. The questions used for these exams are all <u>published on the</u> 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
- o Gordon West 2018 to 2022 Technician Class
- View video classes
- https://voutu.be/RGluTpM7_K8
- https://www.youtube.com/watch?v=N6aFXH_SQUo&list=PL07A7D1C9D7BF7F48
- Take practice Exams
- o https://www.eham.net/exams

Taking the Exam:

Exams are offered by many clubs <u>around the metroplex</u>. The Sachse club gives exams 9:00 <u>each 2nd Saturday at the Wylie Masonic Lodge</u>.

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/Ow1hxCIR5J8

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
- o 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 <u>Maker groups</u>
- High altitude balloon experiment.

Secretary Minutes from Nov 16

Start time: 7:08 pm Location: Via Zoom

Facilitator: Tim Johnson K5TCJ Vice-President

Members 22 Guest 7

Pledge: Led by Tim Johnson -- K5TCJ

President Sean Kelly -- W5SPK

Not in attendance

Tim Johnson -- K5TCJ presented

Agenda:

Officers Reports

President Sean -- Kelly W5SPK
Vice-President Tim Johnson -- K5TCJ
Secretary Daryl Morgeson -- AF5QJ
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 After Action Report on the S.E.T.

Greg Evans – K5GTX
North Texas SEC

President's Report Sean Kelly –W5SPK

Not in attendance

Presented by Tim Johnson – K5TCJ

This month's newsletter contains a renewed appeal to the membership to pay their annual dues. Included in the correspondence are details regarding monthly and annual single event expenses. A reminder...many of you pay yours at the annual Christmas Party. I urge all of you to renew your membership now. Your dues fund our repeater upgrades and continuing operations.

Reminder of calendar change. Board Meetings now are on the First Monday of the month to allow new officers to participate and allow others to attend the Richardson Wireless Klub meetings which are at the same day and time.

Reminder...the Board has enacted a capital spending freeze cap.
When the bank account hits \$4000.00 dollars, all capital spending stops (except

previously allocated expenditures). This level of funds will allow us to continue operations (without additional income) for a period of nearly two years.

Vice-President's Report Tim Johnson - K5TCJ

Programs

Tonight – November 16th

Fall 2020 Simulated Emergency Test - Review

Greg Evans – K5GTX

December 21st

Not a 'normal' Christmas Party

Program TBD

See President's message in the newsletter regarding raffle

January 18, 2021

Program TBD

February 15, 2021

Program TBD

PARK Recurring Activities Tony Campbell - W5ADC

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

December Meeting Schedule

December 7, 2020 Board Meeting (new day)

December 21, 2020 Meeting and Christmas drawing

January Meeting Schedule

January 4, 2021 Board Meeting

January 18, 2021 General Meeting

February Meeting Schedule

February 1, 2021 Board Meeting

February 15, 2021 General Meeting

Secretary's Report Daryl Morgeson -- AF5QJ

Tim Johnson -- K5TCJ

Oops needs to be corrected

Johnnie Young – KG5CQO

Daryl Morgeson – AF5QJ can go first, he did minutes for the last meeting

Secretary's Report Johnnie Young – KG5CQO

General Meeting Minutes

The minutes for the November 2020 meeting will be in the next newsletter before the December meeting so everyone can read and see if there are questions

It will be uploaded to the web page (John has showed me how to do this) It will be uploaded to the PARK general section of IO groups

It will usually be completed within a week of the meeting
If you have any questions please send an e-mail to secretary@K5prk.net

Whenever we meet in person again, I will have a printed copy of meeting minutes for a quick review.

Also, I will have a copy of the club's By-Laws.

Ham Club on line

Have been adding info as dues for 2021 are paid

If you check your account and an update is not there, send me an e-mail or text me at 972-965-2000

Sending a copy of your receipt would be helpful plus info on how paid

Treasurer's Report Ross Watson – AF5QK

Not in attendance

Johnnie Young – KG5CQO presented

Ross Watson – AF5QK was read to the members attending this meeting.

Communications Director Kip Moravc AE5IB

Report is in the newsletter

Have 6 digitals working

3 ethernets coming down

There was an issue with the VHS Allstar—port forwarding number was wrong, fixed now

Newsletter Editor Neil Gould – NE5IL

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

Any help with io groups

Public Relations – Brian Trant – KF5VFM

Not in attendance

Nothing to report due to social distancing protocol

Activities Director Tony Campbell—W5ADC

Meals on Wheels

Need a few more people

Must wear a mask

Will have social distancing, Will be directing traffic

Field Day Coordinator Michael Tharp – KG5TJF Nothing to report

Tonight's Presentation – After Action Report --- S.E.T.

North Texas Fall 2020 Simulated Emergency Test

ARES from all around were invited to participate Concurrent with the American Red Cross

1st Safety Comment

Vehicle – Winter Travel Safety Equip vehicle – based on where traveling Also, take your needed medications with you

S.E.T. objective – communicate as necessary with sections, states op centers, regional Readiness to deploy resources based on guidelines

Local exercise 0900 – 1400 American Red Cross County Action Report County to State Wealth of Observations County Deactivation

Traffic handling
Voice and Winlink

Greg Evans – K5GTX planned on getting about 100 reports through Traffic Got over 300 from NTX

Winklink – peer to peer

Problems with message as Winlink
Will do more training and making of cheat sheets

Winmor has been deprecated Need – VHF/Uhf – Vara – Packet Nodes Vara by groups and try Vara chats Need to do check-in nets for practice

Always be prepared for something to go wrong

Will get

ICS 213 to a radiogram Cheat sheets Peer to peer Winlink – VHF/UHF Regional S.E.T. – early spring

Skywarn Communications Test

Question time followed
Thanks to Greg Evans – K5GTX for this report and planned follow-up

New business

Katherine Forson -- KT5KMF
Wheatly will be in Plano this weekend

Tom

Silent Key from Prosper
6 decades of equipment
Will do an inventory list
Will include family info
Tim Johnson –K5TCJ will put info on groups IO
Johnnie Young – KG5CQO will share with the Sachse and
Richardson Clubs

Bob Bartels -- K5MVZ
Suggested they contact Jim Sergeants – WA5ZX
He does estate auctions

Motion to adjourn; Johnnie Young – KG5CQO 2nd the motion Dan

Adjourned; 8:05 PM