# **K5PRK** Newsletter

# K5PRK.Net

Facebook

**IO Group** 



# Officers

President: Sean Kelly, W5SPK

Vice President: Tim Johnson, K5TCJ

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Treasurer: Ross Watson AF5QK

Activities Director: Tony Campbell, W5ADC

<u>Communications Director</u>: *Kipton Moravec, AE5IB* 

Webmaster John Hatch, KF5BSS

Public Relations: Brian Trant, KF5VFM

Newsletter Editor: Neil Gould, NE5IL

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| March 16    | Using a 3D printer      | Tony Campbell - W5ADC  |
| April 20    | APRS                    | Kipton Moravec - AE5IB |
| May 18      | How to work a Satellite | Tim Johnson - K5TCJ    |

**Followup sessions**, if applicable, are being planned for the Saturday after each meeting to further expand on the program subject. Details will be announced at each meeting.

## **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 The annual Christmas Party meeting was a great success even though Golden Corral surprised us with closing early for their own party. Thanks to **Brian Trent** for finding the place and working the details, **Kip** for getting the raffle prizes, and to everyone who came! Let any officers know if you have any suggestions or comments to make it better next year.

# **PARK on Broadcastify**

Wednesday January 8, we got the **K5PRK 444.250** UHF Repeater on the air with Broadcastify. On Thursday January 9, we got **K5PRK 147.18** VHF Repeater on the air with Broadcastify.

Broadcastify announced both channels the day after they were on the air. The UHF repeater had 21 users listening the day after, even though I did not hear anyone using that repeater.

After the weather net, Friday, January 10, I checked the status of the VHF repeater, and there were 24 Broadcastify users listening. Give it a try!

#### Kip



© Ron Leishman \* www.ClipartOf.com/442408

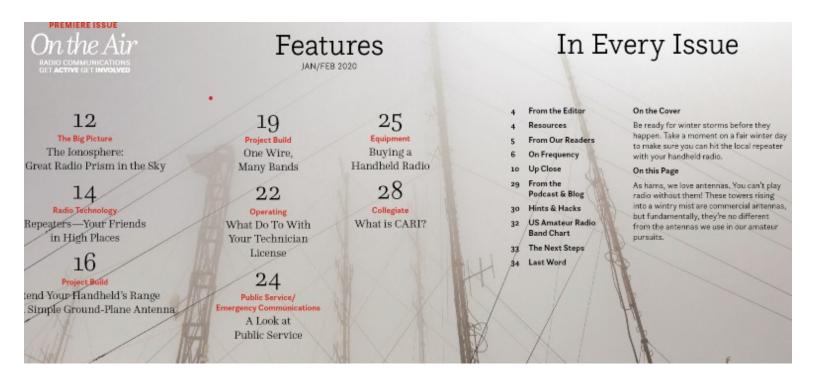
#### ARRL News

#### On the Air Magazine

On the Air is a suite of ARRL benefits for new ham radio licensees, anchored by the ARRL bimonthly magazine,

*On the Air*. The magazine covers a range of ham radio interests and topics, delivering introductory techniques and stories to help anyone with a beginner-to-intermediate-level of experience. From making your first radio contact to selecting the right equipment to project building and getting involved with public service or your local clubs, *On the Air* magazine and its suite of companion benefits will help you make the most of your amateur radio license. Get active, get involved, get On the Air! If you are not an ARRL member, join!

Read On the Air magazine (Members-only)





ARRL is inviting nominations for awards that recognize educational and technological pursuits in amateur radio. Nominations are also open for the League's premier award to honor a young licensee. •The Hiram Percy Maxim Award recognizes a radio amateur and ARRL member younger than age 21, whose

accomplishments and contributions are of the most exemplary nature within the framework of amateur radio activities. Nominations for this award are made through ARRL Section Managers, who will forward nominations to ARRL Headquarters. The deadline is March 31, 2020.

•The ARRL Herb S. Brier Instructor of the Year Award honors an ARRL volunteer amateur radio instructor or ARRL professional classroom teacher who uses creative instructional approaches and reflects the highest values of the amateur radio community. The award highlights quality of and commitment to licensing instruction. Nominations are due by March 16, 2020.

•The ARRL Microwave Development Award pays tribute to a radio amateur or group of radio amateurs who contribute to the development of the amateur radio microwave bands. The nomination deadline is March 31, 2020.

•The ARRL Technical Service Award recognizes an individual radio amateur or group of radio amateurs who provide amateur radio technical assistance or training. The nomination deadline is March 31, 2020.

•The ARRL Technical Innovation Award is conferred on an individual radio amateur or group of radio amateurs who develop and apply new technical ideas or techniques in amateur radio. The nomination deadline is March 31, 2020.

•The Knight Distinguished Service Award recognizes exceptional contributions by a Section Manager to the health and vitality of ARRL. The nomination deadline is April 30, 2020.

The ARRL Board of Directors selects award recipients, and winners are typically announced following the Board's July meeting. More information about these awards on the ARRL website, or contact Steve Ewald, WV1X, telephone (860) 594-0265.

#### PARK Winter Field Day

#### Winter Field Day rules

**Purpose**: To foster Ham camaraderie, field operation, emergency operating preparedness, and just plain on the air, outdoor fun in the midst of winter for American, Canadian, and DX Hams. Don't let those winter doldrums keep you locked up in the house... get out and play some radio!! When: Winter Field Day runs for 24 hours during the last full weekend in January each year from 1900 UTC (1pm CST) Saturday to 1900 UTC (2pm EST) Sunday. For 2020 the dates are January 25th and 26th. Station set-up may commence no earlier than 1900 UTC (2pm EST) on the Friday before. Station setup may consume no more than 12 hours total. How & when you schedule/spend those 12 hours is up to you.

**PARK** will have a small, minimalist, Winter Field Day on Saturday, January 25 at <u>Plano Super Bowl</u> starting at 12pm until 6pm.

We will have a room inside on the north side. A couple of radios connected to portable and/or mobile antennas will be used.

This will be for fun and education operating as the category:

"Indoor: Operation from inside a remote, insulated, heated (or cooled, depending on your local weather), and weather-protected structure where an Amateur station is normally not available. (Park buildings/cabins, community center, EOC, senior center, club shack, etc)."

Plans are still being finalized. If you have any equipment, want to help, or want to learn more, contact Tony, Kip, or Neil.

# What is SKYWARN®?



#### Ft. Worth SKYWARN Spotter Training Schedule 2020! Updated: Thu Jan 16 09:30:01 2020

TBD = To Be Determined

| DATE             | COUNTY    | CITY            | LOCATION   | TIME              |
|------------------|-----------|-----------------|--|-------------------|
| Thursday Jan 9   | Leon      | Centerville     | Annex 2 3rd Floor Great Room                             | 6:30-8:30 PM      |
| Monday Jan 13    | Freestone | Fairfield       | Freestone Fair Grounds                                   | 6:00-8:00 PM      |
| Wednesday Jan 15 | Anderson  | Palestine       | Courthouse Annex   | 5:30-7:30 PM      |
| Saturday Jan 18  | Collin    | McKinney        | McKinney Central Park Campus - Conference Center         | 8:30 AM - 4:30 PM |
| Tuesday Jan 21   | Limestone | Groesbeck       | Limestone County Courthouse                              | 6:00-8:00 PM      |
| Monday Jan 27    | Milam     | Cameron         | Cameron FD   | 6:00-8:00 PM      |
| Tuesday Jan 28   | Lamar     | Paris           | Paris High School  | 6:00-8:00 PM      |
| Thursday Jan 30  | Montague  | Montague        | Montague County Annex Community Room                     | 6:00-8:00 PM      |
| Saturday Feb 1   | Navarro   | Corsicana       | The Palace Theater                                       | 1:00-3:00 PM      |
| Monday Feb 3     | Comanche  | Comanche        | City of Comanche Community Center                        | 6:00-8:00 PM      |
| Tuesday Feb 4    | Wise      | Decatur         | Wise County Fair Grounds (Womens Building)               | 7:00-9:00 PM      |
| Thursday Feb 6   | Hopkins   | Sulphur Springs | Sulphur Springs City Hall                                | 6:00-8:00 PM      |
| Saturday Feb 8   | Bell      | Killeen         | Killeen Fire Academy (Central Fire Station)              | 9:00 AM - 4:00 PM |
| Monday Feb 10    | Coryell   | Copperas Cove   | Copperas Cove Police Department                          | 6:00-8:00 PM      |
| Tuesday Feb 11   | Cooke     | Gainesville     | Gainesville Civic Center                                 | 6:30-8:30 PM      |
| Wednesday Feb 12 | Falls     | Marlin          | Marlin VFD   | 6:00-8:00 PM      |
| Thursday Feb 13  | Hunt      | Greenville      | F. Warren Civic Center                                   | 6:00-8:00 PM      |
| Saturday Feb 15  | Dallas    | Garland         | Granville Arts Center                                    | 8:00 AM - 3:30 PM |
| Tuesday Feb 18   | Johnson   | Keene           | Perecho Hall-Southwestern Adventist University           | 6:00-8:00 PM      |
| Thursday Feb 20  | Grayson   | Denison         | Grayson College Center for Workplace Learning Auditorium | 6:00-8:00 PM      |
| Saturday Feb 22  | Denton    | Denton          | Texas Womans University-MCL 101                          | 8:00 AM - 12 Noon |
| Monday Feb 24    | Hood      | Granbury        | ShowBiz Cinema   | 7:00-9:00 PM      |

# Preparedness and Storm Spotter Information

A NWS page with a huge amount of information!

February 17

March 16

April 20

May 18

# Don't forget about Saturday morning

Late Riser's Breakfast - 6:30 am at Poor Richards Café – Plano, Texas

No Name Riser Breakfast – 9:00 am at Two Rows – Allen, Texas

# **Future Club Meeting Programs**

APRS

be announced at each meeting.

Weather Trends for 2020

Parks On the Air

Using a 3D printer

How to work a Satellite

**Followup sessions**, if applicable, are being planned for the Saturday after each meeting to further expand on the program subject. Details will

Roy Ponder

Andrew Barns - W5KZJ

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Tim Johnson - K5TCJ

#### Support those that support K5PRK

#### Main Trading Co.

http/www.maintradingcompany.com/ 2246 Bonham St., Paris TX., 75460

#### Poor Richard's Café

http://www.poorrichardscafe.com/ 2442 K Avenue Plano, TX., 75074

#### **Cavanaugh Flight Museum** http://

www.cavanaughflightmuseum.com/ 4572 Claire Chennault, Addison TX., 75001

Bullet Trap. INC. http://www.bullettrapinc.com/ 2608 K Avenue, Plano TX., 75074

#### **Country Burger**

http://www.countryburgertx.com/ 3115 W. Parker Rd. #500, Plano TX., 75023

#### **Plano Super Bowl**

http://www.planosuperbowl.com/ 2521 K Avenue, Plano TX., 75074

#### **Two Rows Classic Grill**

http://www.tworows.com/ 711 Central Expressway, Allen TX.,75013

#### **Greek Isles Grille and Tavern**

http://greekislesgrille.com/ 3309 N. Central Expressway #370, Plano TX., 75023

#### **Chartered Financial Strategies LLC** (Sean Monohan)

Tax Services – Business and Individual http://www.cfscorp.net/ 4686 McDermott Rd. #206, Plano TX., 75024

# MckinneyAmateurRadioClub 2M FM Simplex Contest

Welcome to the Winter MARC 2M FM contest. The contest helps us all be prepared in a number of ways, get to know one another, allow for friendly competition and try out our emergency preparedness skills. Since this contest is limited to the 2 M FM band it does not require any fancy equipment and all can participate. The contest is just a short to time frame.

This is a great time for all local area hams to participate and join in the activity!

When: January 26, 2020 19:00 UTC to 22:00 UTC

Objectives: To make as many contacts as possible, encouraging the use of 2M simplex mode, and have fun!

**The Hunter vs Hunted:** Consider operating from a remote location, high point, or perhaps a roving mobile; Mobile stations are able to re-work stations from a different location.

**Frequencies:** The contest will take place solely on 2 meters bands using simplex mode; (e.g. no repeater contacts). According to the ARRL band plan, these frequencies **(between 146.40-146.58 & 147.42-147.57)** are for simplex use. For this contest we will use only these frequencies with a convenient 20 kHz separation.

146.4xx: 146.420, 146.440, 146.460, 146.480 146.5xx: 146.500, **not .520,** 146.540, 146.560 147.4xx: 147.420, 147.240, 147.460, 147.480 147.5xx: 147.500, 147.520, 147.540, 147.560

**Exchange:** Call sign, contact number, city or unincorporated county (UC). Rover stations should use the city or UC of their location at the time.

#### Example of Stationary Exchange:

"W5KZJ from K5CRX, please copy my #3 from Allen" "K5CRX from W5KZJ, please copy my #4 from Wylie"

#### Example of Mobile/Rover Exchange:

"K5CRX from K5AMZ/M, please copy my #2 from Weston" "K5AMZ/M from K5CRX, please copy my #4 from Allen"

You might want to consider verifying your time. Contact exchange must be within 15 minutes.

**Contacts:** Work as many different calls and locations as possible, giving the exchange as noted above. Work each station once per city or UC – i.e. Mobiles can be reworked whenever they change locations.

Scoring: Use the handy log and scoring sheet. Each Contact is worth 1 point

Multipliers: Number of unique cities or UC

# Mckinney Amateur Radio Club 2M FM Simplex Contest

**Power:** Stations running <=10 watts output: 3X score, 11<=50 output:

2X score, >50 watts output: 1X score

**Final Score:** Total Points=# QSO's X location mult. X Power mult.

Logging: Contest sheets can be downloaded from the MARC web site.

www.McKinneyarc.org.

Log Submission: Send completed electronic logs to: <u>w5kzjham@gmail.com</u> with

Subject of MARC 2M Or send paper logs to:

MARC 2 Meter Simplex Contest P. O. Box 276 McKinney, TX 75070-8135

#### Log Entry Submission Deadline: February 9, 2020

#### **Denton County Cities:**

| Argyle        | Denton        | Highland Village | Pilot Point  |
|---------------|---------------|------------------|--------------|
| Aubrey        | DISH          | Justin           | Plano +      |
| Bartonville   | Double Oak    | Krugerville      | Ponder       |
| Bolivar       | Elizabethtown | Krum             | Prosper +    |
| Carrollton +  | Flower Mound  | Lake Dallas      | Roanoke      |
| Coppell †     | Fort Worth †  | Lakewood Village | Sanger       |
| Copper Canyon | Frisco †      | Lewisville       | Shady Shores |
| Corinth       | Hackberry     | Lincoln Park     | Southlake +  |
| Corral City   | Haslet †      | Little Elm       | The Colony   |
| Cross Roads   | Hebron        | Northlake        | Trophy Club  |
| Dallas +      | Hickory Creek | Oak Point        | Westlake +   |

† only a small part of the city extends into Denton County

# MckinneyAmateurRadioClub 2M FM Simplex Contest

#### **Collin County Cities:**

| Allen                   | Farmersville           | Melissa   | Richardson <sup>+</sup>  |  |
|-------------------------|------------------------|-----------|--------------------------|--|
| Anna                    | Frisco†                | Murphy    | Royse City <sup>+</sup>  |  |
| Blue Ridge              | Garland†               | Nevada    | Sachse <sup>+</sup>      |  |
| Carrollton <sup>+</sup> | Josephine <sup>+</sup> | New Hope  | St. Paul                 |  |
| Celina†                 | Lavon                  | Parker    | Van Alstyne <sup>+</sup> |  |
| Copeville               | Lowry Crossing         | Plano†    | Westminster Unincorpo-   |  |
| Unincorporated          | Lucas                  | Princeton | rated                    |  |
| Dallas <sup>++</sup>    | McKinney               | Prosper†  | Weston                   |  |
| Fairview                | ,                      | •         | Wylie <sup>++</sup>      |  |

*† City extends into one adjacent county.* 

*†† City extends into two or more adjacent counties.* 

#### **Rockwall County Cities:**

| Dallas † | McLendon-Chisholm | Rowlett**     |
|----------|-------------------|---------------|
| Fate     | Mobile City       | Royse City*** |
| Heath*   | Rockwall          | Wylie****     |

† Dallas is a city primarily in Dallas County but a portion extends into Rockwall County due to the city's ownership of Lake Ray Hubbard.

\*Heath is mainly a city of Rockwall County but a small portion extends into northern Kaufman County.

\*\* Rowlett is mainly a city of Dallas County but a portion of it extends into Rockwall County.

\*\*\* Royse City is mainly a city of Rockwall County but a portion of it extends into Collin County and Hunt County.

\*\*\*\* Wylie is mainly a city of Collin County but a small part extends into Rockwall County and Dallas County.



# Apr. 18 Mentor Fest

## Time: 9:00am - 4:00pm

Location: Hella Shrine Center, 2121 Rowlett Rd., Garland, TX 75043 The Garland Hella Hams and the ARRL North Texas Section would like to invite all current and prospective Hams to attend Mentorfest! This event is a great way for Hams, especially those recently licensed, to meet and learn about a variety of subjects. Amateur radio operators have a great tradition of helping each other learn about and gain experience in the many facets of the hobby. Mentorfest is designed to build on this tradition by providing a

place for Hams of all ages and experience levels to come together, exchange knowledge and make new friends while having fun and enjoying the

great hobby of Amateur Radio.

•Here are some of the things you can expect at Mentorfest...

•Formal presentations on a number of topics.

•Local clubs providing information on their activities.

• "Elmers" (ham-speak for mentors) available for informal discussions on just about any topic.

•Tours of emergency communications vehicles.

•Representatives from the ARRL, ARES/RACES, REACT, National

Weather Service and others showing how you can get involved.

Amateur License Testing - 1:00p - 4:00p

If you wish to test for a new license, or upgrade your existing license, bring \$14 and a photo ID.

## 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 repeter 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.

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

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

## 3<sup>rd</sup> Sunday 9:00 PM – Collin County ARES -

W5MRC repeater, (146.740 MHz, offset -0.600 MHz, tone 110.9 Hz)

## SARA 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)

# 2<sup>nd</sup> and 4<sup>th</sup> Sundays 9:00 PM - Sachse Public Service Net -

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

2<sup>nd</sup> & 4<sup>th</sup> Tuesday at 7:30 pm Simplex Net 146.40

# 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 <u>http://ac6v.com.htm</u>

# **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 <u>http://www.usagritsngravy.net</u>

If you want to list your favorite net. Please send as much information you can to <a href="mailto:newsletter@k5prk.net">newsletter@k5prk.net</a>

#### 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:

<u>https://youtu.be/ysOq6ywTSzU</u> <u>https://youtu.be/rs0i0h4OyMo</u> <u>https://youtu.be/5Z9136\_Nhh4</u> - 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 web</u>.

#### 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
    - <u>ARRL Technician Study Guide</u>
      - o Gordon West 2018 to 2022 Technician Class
- View video classes
  - https://youtu.be/RGluTpM7\_K8
  - o 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 <u>around the metroplex</u>. The Sachse club gives exams 9:00 <u>each 2<sup>nd</sup> Saturday at the</u> <u>Wylie Masonic Lodge</u>.

#### Other Ham Radio Related Links:

Sachse Radio Club: <u>http://www.sachseradio.org/</u> Largest/Oldest Ham Radio Org: <u>http://www.arrl.org/home</u> Local Ham Radio Outlet Store <u>https://www.hamradio.com/locations.cfm?storeid=20</u> Finding a nearby Club: <u>http://www.arrl.org/find-a-club</u> Ham Radio Mesh Network: <u>https://www.arednmesh.org/aredn-advantage</u> Amateur Radio Satellites: <u>https://www.amsat.org/</u> Ham Radio Repeaters: <u>https://www.repeaterbook.com/</u>

#### Other videos:

HAM Radios: Quick and Easy Way to Get Into HAM Radio Hobby: <u>https://youtu.be/t0sMDRLGB3Q</u> HAM Radio Basics- HAM 101: <u>https://youtu.be/Ow1hxClR5J8</u> Numerous Dave Casler Videos: <u>https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ</u>

SPACE STATION CREW USES HAM RADIO TO CALL EARTH <u>HTTPS://YOUTU.BE/H73EYCYSZF8</u>

Listen to episodes of ARRL Audio News on your iOS or Android podcast app, or online at <u>https://blubrry.com/arrlaudionews/</u>

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#### 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
  - o Parades
  - $\circ$  4<sup>th</sup> of July events
  - Extending RC aircraft video and telemetry
- Amateur Radio Emergency Data network (Network when the grid goes down.)
- Winlink Email via ham radio
- Skywarn Storm spotters (Most storm spotters report via ham radio.)
- Amateur Radio Emergency Services (ARES)
- Radio Amateur Civil Emergency Services (RACES)
- Antenna design/building
- CW (Morse code) communications
- DXpeditions Location in an remote area (usually islands) for a short period of time and making as many contacts as possible.
- Summit On the Air Transmitting from mountain summits
- JOTA Jamboree-on-the-Air Boy Scouts
- RF experimentation. Many <u>Maker groups</u>
- <u>High altitude balloon experiment</u>.

# LETTERS TO THE EDITOR

I need your help. please help with the next newsletter. This is the club newsletter, so we need your pictures letters and articles. Let me know what you want. If you feel strongly about an issue and want to let people know what you think, write a letter to the editor. It's simple and democratic. Please be sure to follow these criteria:

- Be courteous
- Stick to the facts
- Be concise (50 -150 words)

All letters must be signed and provided a call sign if possible. The editor reserves the right to select which letters are published. The editor may also require revisions or removal of parts that do not meet the above criteria or for content deemed inappropriate by the editor. This is the same rigor that the rest of the newsletter is subjected to.

Send email to newsletter@k5prk.net

73

Neil, NE5IL

# K5PRK.Net

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IO Group