



### President's Message

Radio amateurs, friends, and other interested bystanders, look closely at this issue of "Bandbits"; good information is lurking everywhere. See what ARES is doing and who is involved (maybe you?). Investigate ways to be present at Bass Pro Shops® for Field Day 2019 (FD). Whether you are licensed or not, FD is a fun time for meeting new friends, talking to people all over the US, and learning who is active in our region.

You'll want to attend the Public Safety Exposition at The Shoppes at Grand Prairie®, as well. Learn about local and state law enforcement, meet firefighters from several jurisdictions, and hope with us that the weather supports arrival of one or more medical evacuation aircraft at the event. Visit with motorcycle cops and watch their incredible rolling control. See what the US Air Force and US Coast Guard are doing to keep us safe on the federal level. It's worth the price of admission (Free!) and more.

Have you been studying for your first ham ticket, or are you ready to upgrade to General or Amateur Extra? June 15<sup>th</sup> is the time to get it done, and the place is the Morton Public Library. Check out [W9UVI.org](http://W9UVI.org) for more information.

I look forward to a good group at June's club meeting on the 13<sup>th</sup>. May's meeting took an interesting turn, conversationally, and was fun. See you there.

Jon Dainty, NM0O, Club President

### June Club Events:

June 6th: Board Meeting  
June 13<sup>th</sup>: Club Meeting  
June 19th: ARES Net on the 075  
June 22-23<sup>rd</sup>: 2019 Field Day at Bass Pro  
June 27th: Superfest Meeting

### July Club Events:

July 1st: Board Meeting  
July 11th: Club Meeting  
July 5<sup>th</sup> & 12th: ARES Net on the 075  
July 25th: Superfest Meeting

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## Peoria County ARES

<u>Date/Time (CST)</u>	<u>Event</u>	<u>Location</u>
June 5th 4-7:00 pm	Emergency Expo	The Shoppes at Grand Prairie
June 5th 8:00 pm	NET	075 Repeater
June 12th 7:00 pm	NET	075 Repeater
June 19 <sup>th</sup> 7:00 pm	Meeting	Peoria American Red Cross

Meeting Agenda: Training, ARES Show & Tell, Winlink Tip of the Month.

**ARES Show & Tell – Everyone bring your favorite mobile rig – from crude (like mine) to simple to complicated to intricate – we will have a parking lot walk-around to share ideas and set-ups.**

Rich Holtman, KD9ANU, Assistant Emergency Coordinator for Peoria County ARES email: [kd9anu@arrl.net](mailto:kd9anu@arrl.net)  
Winlink: [kd9anu@winlink.org](mailto:kd9anu@winlink.org) Cell: 309-256-4272 ARES website: <http://www.peoriacountyares.org/>

### Club Sunday Night Net

The club holds a weekly net on Sunday Evening at 8:30 PM Local Time on the 147.075 repeater. All Amateurs with 2-meter privileges are invited to check in.

The Sunday Night W9UVI Net check-in results for the month are shown in the table below.

May- 5	May- 12	May- 19	May- 26	Total
22	22	19	23	86

May 5<sup>th</sup> Check Ins: KD9JXR N9SJZ KB9ATO KD9AER W9WGN W8NWG N9WFT NM0O W9GMK W9LTF KD9IBC KD9IVV WB9UMM KD9HZS W9TGO WW9DLM KC9YTT W9JDP N9GZ KD9BRV W9GLO K9HJZ Submitted by KD9DBQ 73

May 12<sup>th</sup> Check Ins: K8ROY KD9JXR N9SJZ W9JDP K9TNT KB9SF W9WGN KB9ATO W9GMK W9TGO KB9IBC KD9AER KD9MOA N9FAM N9ZA K9HJZ KX9YTT K9JLX WB9UMM W9GLO KC0ROM KC9RAV Submitted by KD9DBQ 73

May 19<sup>th</sup> Check Ins: W9LTF, KD9MOA, KD9IVC, NM0O, KB9SF, W9WGN, KB9YYD, W9TGO, WB9IBC, KD9JXR, KD9MJA, KD9AER, KD9ANU, AA9MK, N9GZ, KD9TNT, KD9LQL, KD9BRV, KC9YTT Submitted by W8NWG, 73

May 26<sup>th</sup> Check Ins: KD9JXR N9LFE KD9MOA W9JDP KD9LQL NM0O KC8FYI K9HJZ KD9AER KB9YYD KB9TNZ W9TGO KB9SF W9WGN N9SJZ W8NWG KB9ATO KD9IBC N9FAM KC9YTT KC9RAV KD9IVV WB9UMM Submitted by KD9DBQ 73

### Club Directors

President Jon Dainty, NM0O; Vice President Corey Ressler, KC9RAV; Secretary, ; Treasurer Deb Suhs, KA4DEB; Directors Neil Hubert, KC8FYI (1 year); Melinda Hubert, K9GOA (2 years); Trustee Tom Hunt, W8NWG, Repeater Chair Steve Grob, KD9AER; Superfest Chair Deb Suhs, KA4DEB.

## Minutes of Board Meeting

May Board Meeting May 2<sup>nd</sup> ,2019

Meeting was brought to order by President Jon, NM0O, at 1907.  
Bandbits was approved by the board.

Superfest Report: Craig Thompson gave contact information for a vendor from Flex about a discount for a radio for a raffle. Tom and Jon received an email from Gordon requesting information concerning Superfest. Don Wilbanks and Craig Thompson have been confirmed for Superfest this year. There has been 4 ICOM radios purchased. Extra prize stubs will be available at \$5 this year. Guest speakers are still being scheduled. There will be a kit building class this year. A security firm will be hired to patrol the grounds during the nights of Superfest.

Membership Report: 41 paid voting & 2 non-voting members.

Repeater Updates: Mike McGhee performed a tower climb and the connection of the dipole antenna was secured better. The post SWR was quite an improvement. Measurements for a top bracket was taken and the bracket was purchased. The bracket will be placed on the next tower climb. The D\*Star antenna was put on the 170 foot antenna, we received good feedback on the improved locations.

New cables will be installed next week allowing us to not have to rely on connectors for the cables to reach. The repeater is set to put out 25 watts of power. Firmware level on the 075 will be checked and potentially updated, this will hopefully help with the Fusion interruptions. There are potential talks of moving the 85 repeater, to provide better coverage for the southern part of the county. These talks include moving the 85 to a location on Northmoor at the station 16 tower. Work is continuing on the D\*Star repeater, there was information on some additional testing Steve can do to help as a diagnostic tool.

Field Day: A menu was approved of what the club will be providing for Field Day. More details will be sent out for discussion and approval. There will be 2 HF radios running during field day.

Corey, KC9RAV, made a motion to adjourn, Neil, KC8FYI, seconded this motion. Meeting adjourned at 2055.

Club meeting minutes provided by Melinda, K9GOA.

## Repeaters

The PAARC operates three 2-meter repeaters, which are open for all amateurs with 2-meter privileges. The 146.250 (input)/146.850 (output) (K9PEO) repeater is located in Glasford. The repeater uses a 103.5 Hz input tone. The 147.675 (input)/147.075 (output) (W9UVI) repeater is located in Groveland. This repeater is used for the Sunday night net. This repeater uses a 156.7 Hz input tone for CTCSS squelch control. The W9PIA D-Star 144.505 (input)/145.105 (output) repeater is located in Groveland.

## Membership Information

Membership in the Peoria Area Amateur Radio Club is available to any licensed amateur and is administered as follows: Voting Membership: \$25 per calendar year. Ages 18 and under, or 65 and older are \$20 per calendar year. Family Membership: Voting membership for first member and \$15 for each additional member in same household. Non-voting Membership: \$10 per calendar year for amateurs who are interested only in occasional participation. Honorary Life Memberships: are free and are awarded by a vote of the general membership after recommendations from the Board of Directors. Dues are

## Minutes of the PAARC General Meeting – May, 2019

Jon Dainty, PAARC President called the meeting to order at 7:00.

Around the room introductions were performed.

Deb Suhs, K4DEB gave the treasurers report.

Dion Wilson KC9UCJ made the motion to accept the financials as presented, Justin Flick KD9JFF

Jim Polson, W9JDP made a motion to accept the minutes as published in BandBits, Mark Suhs W8NWG seconded the motion, the motion passed the floor.

Ded Suhs, K4DEB reported on Superfest.

Steve Grob KD9AER gave the repeater report

Corey Ressler KC9RAV reported on Field Day 2019.

May 19<sup>th</sup>, the club will be 100 years.

Jon Dainty announced that Dave Lucas is resigning from the director position due to scheduling conflicts. Melinda Hubert K9GOA will be taking his place.

Justin Flick, KD9JFF made the motion to adjourn the meeting, Deb Suhs, KA4DEB seconded the motion, the motion passed the floor, the meeting was adjourned at 8:03pm.

Submitted by Corey Ressler KC9RAV.

payable by February 1ST of each year.

### Bandbits Policy

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### Best Operating Practices

The following is a short list of common Q signals, as used on VHF.

QSY "I am changing frequency"

QRZ? "Who is calling?"

QSL "I acknowledge receipt.", "I understand your message."

QSO A radio conversation, as in "I had a QSO with Fred yesterday."

QTH "My location is  
\_\_\_\_\_"

### Repeater Updates

147.075 – Tower climb to add top support for 180ft level VHF antenna. This should prevent the top loose end of the antenna mast from swaying in the high winds we have experienced this year. We suspect that the sway loosened the mast coupling and the wiring harness resulting in less than desirable performance. Fusion issue resolved by DR-2X factory reset.

146.850 – May 22 annual visit was postponed until mid June due to Tornado Watch in Central Illinois.

D-Star – Gateway, Controller and VHF repeater doing fine. Narrowing down UHF issue to just a couple of components that could be causing the problem of the repeater not transmitting. Just a few more tests and conclusions can be drawn.

73

Steve

KD9AER

### ARRL Field Day 2019

2019 Field day is scheduled for June 22-23 at the East Peoria Bass Pro Shops. Do you know someone who would love to try out Ham Radio? Field day is a perfect time for experimenting on the waves.

### ARRL June Special Station

<u>Date</u>	<u>Name</u>	<u>Location</u>	<u>Information:</u>
June 1 <sup>st</sup> - 2nd	First Nuclear Submarine USS Nautilus SSN 571	Groton, CT	Generations Amateur Radio Club. 21.340 14.264 7.250 50.5. QSL.  <a href="http://www.ussnautilus.org">www.ussnautilus.org</a>
June 1 <sup>st</sup> - June 5th	Museum Ship Weekend	Cleburne, TX	Club KC5NX. 14.260 14.045 7.202 7.045. QSL.  <a href="http://www.qrz.com/db/kc5nx">www.qrz.com/db/kc5nx</a>
June 5th- 9th	Elvis Presley Festival Special Event	Tupelo, MS	Tupelo Amateur Radio Club. CW, FT8, and SSB on all bands, check the cluster.  <a href="http://www.tupeloarc.org">www.tupeloarc.org</a>
June 1 <sup>st</sup> - 9th	W2W D-Day Commemoration	Baltimore, MD	The Amateur Radio Club of the National Electronics Museum

			(K3NEM). 14.244 14.044 7.244 7.044; 80 meters (3.544, 3.844) and digital modes possible. <a href="http://ww-2.us">ww-2.us</a>
June 15 <sup>th</sup> -16 <sup>th</sup>	W8DXCC DX Convention	Waynesville, OH	SouthWest OH DX Association. 7.245 3.535 14.245 14.074. Certificate & QSL  We are using these call signs: K8S, K8W, K8O, K8H. A QSL for each and/or certificate for working all four. <a href="http://www.w8dxcc.com">www.w8dxcc.com</a>
June 20 <sup>th</sup> -24 <sup>th</sup>	Field Day 2019, Commemorating the Lives of President Ronald & Mrs. Nancy Reagan	Simi Valley, CA	Ventura County Amateur Radio Society (VCARS), Simi Settlers ARC (SSARC), & other area Amateur Radio Operators. 21.320 14.255 7.260 3.810. QSL. <a href="http://www.qrz.com/db/n6r">www.qrz.com/db/n6r</a>
June 28 <sup>th</sup>	Soo Lock's Engineer's Day 2019	Sault Sainte Marie, MI	Eastern Upper Peninsula Amateur Radio Club. 14.240 7.220; 147.21 PL 107.2; 147.33 PL 107.2; other frequencies possible depending on conditions and available operators. Sault Area Contesting Klub, P.O. Box 533, Sault Sainte Marie, MI 49783.

For more information, [www.arrl.org](http://www.arrl.org)

#### **AREA FCC EXAMS**

**Morton:** FCC Amateur Radio Exams are held at the Morton Public Library, 315 West Pershing at 12:00 noon the third Saturday of even numbered months or as noted: Feb 16, Apr 20, June 16, Aug 18, Oct 20 and Dec 15. If no one is there at that time the examiners will leave as they are all volunteers. Walk-ins are welcome. Please bring your original Radio License (if any) and a copy, and the original and a copy of any of any Certificate of Completion (CSCE) not already acted upon by the FCC. Copies are needed to send with your license application. Fee for 2019 is \$15.00. You will also need identification such as a Driver's License, and a Social Security Number. Contact Bob Bush W9WTF at W9WTF@ARRL.net for more information.

**Bloomington:** The schedule for W5YI-VEC Amateur Radio testing dates for 2019 are: 3/16 1:00- 3:00, 5/25, 7/20 and 11/9 are tentative dates. Testing is held at the Bloomington Public Library Community Room located at the intersection of E. Olive St. and S. East St. Entrance is off S. East St. People should contact Keith a week prior to the test for date and location. Testing begins at 1:00pm. Bring two forms of identification. You will need a copy of your current license plus and CSCE you want to apply. Contact Keith Hanson AC9S at ac9s@hotmail.com (preferred) or (309) 378-4416 for more information. Note on testing – A Social Security number is now required for all FCC exams.



**Club Meeting Thursday, June 13:**

# Intro to Antenna Analyzers

*Thinking of building an antenna project? Corey Ressler, KC9RAV demonstrates how to use the popular MFJ-259 Antenna Analyzer.*



**Thursday, June 13 — 7:00 p.m**

***The Peoria Area Amateur Radio Club meets at the American  
Red Cross Building***

***311 W John H Gwynn Jr Ave.***

Above graphic supplied by Tom Hunt, W8NWG