August 2019 Bandbits Volume 32 Edition 08

President's Message

Welcome to August, friends. We are quickly moving into exciting times, when opportunities will open and circumstances improve for others to join our ranks. With today's technologies, there will be more people able to make meaningful contacts with radio amateurs around the world and in the next block up the road. At some point, we will no longer find it unusual that the contacts include preteens and women, because those groups will have studied and tested and made their own way into the electronic communications community.

Superfest is coming up quickly, and that means our friends across the vendor spectrum are chomping at the bit to come to Peoria and spend some high-quality commercial time here. To be as helpful as possible (and to make our $$$ goals), let's be certain that we've sent out their tickets, mapped their spaces, and taken care of their personal concerns before we open the event. Our own tickets need to be in the hands of patrons who will be driving from near and very far away to see their new buddies and find something their shack cannot live without. It's quite a job, I know, but it's our work to provide entertainment and support for the hundreds who come here when Hamvention® is out of season.

Let's also remember that next year's board members won't all be the same persons who are on the board of directors right now. Unexpected moves, the incidence of beautiful grandchildren in other locations, and a host of other things influence where people will be spending 2020. Close to home, that means that you (you know who you are!) may end up helping to manage the club next year. If there is something that really fires your interest, start thinking about how you might help at that level of service in only a handful of months.

I look forward to working with you in August. It's what we do, and it's something we can do quite well.

Jon Dainty, NM0O, Club President

August Club Events:

August 1st: Board Meeting
August 8th: Club Meeting
August 21st: ARES Meeting at Red Cross
August 22nd: Superfest Meeting

September Club Events

September 5th: Board Meeting
September 12th: Club Meeting
September 18th: ARES Meeting at Red Cross
September 21-22nd: Superfest

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Peoria County ARES

Date/Time (CST)	Event	Location
August 7th 8:00 pm	NET	075 Repeater
August 14th 8:00 pm	NET	075 Repeater
August 21st 7:00 pm	Meeting	Peoria American Red Cross

Meeting Agenda: ARES show and tell, Winlink tip of the month, Monthly nets, Area repeater survey, & Volunteers wanted for various jobs.

Rich Holtman, KD9ANU, Assistant Emergency Coordinator for Peoria County ARES email: kd9anu@arrl.net Winlink: 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.

July- 7	July – 14	July- 21	July - 28	Total
26	25	19	21	91

July 7th Check Ins: KD9JXR KB9ATO W8NWG K9QJ NM0O K9HJZ W9JDP KD9AER N9FAM W9GMK KD9ERS W9TGO KD9IVV KB9VVM KD9ANU KD9IBC KB9SF KD9MOA W9WTF KD9BRV K9CEW N9WFT N9SJZ W9GLO AA9MK KC9RAV Submitted by KD9DBQ 73

July 14th Check Ins: KD9JXR N9SJZ KD9IVV KD9MOA K9TNT N9FAM W9GMK W9WTF N9ZA W9JDP W9WGN K9HJZ KD9AE KD9GPO KD9BRV KD9HZZ WB9UMM KD9ANU KB9ATO W9TGO KC9YTT KC9RAV N9GZ KC9UCJ K9JLX Submitted by KD9DBQ 73

July 21st Check Ins: KD9JXR KD9BRV KB9ATO KD9IBC W9WGN WB9UMM NM0O KD9MOA K9HJZ W9TGO KB9YYD KB9YYC KD9IVV W9FYR KB9SF K9TNT W9GLO KC9RAV N9SJZ Submitted by KD9DBQ 73

July 28th Check Ins: KD9JXR W8NWG KD9BRV N9SJZ N9NDF W9GMK KC9RAV KB9SF W9WGN NM0O K9TNT W9JDP KD9IVV KD9ANU WB9UMM WW9DLM KD9HZS W9GLO W9TGO KB9YYT K9HJZ 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

The July meeting of the board members came to order on July 1st at 1905 by President Jon Dainty, NM0O.

The board was updated about the potential issue that caused problems with the ICOM repeater, transmitter and receiver were aligned and would be shipped back this week. The insurance and tower agreement is up to date for the .085 tower.

2019 Field Day results, there were a total of 21 club participants with a total score of 814.

There were no new updates on the membership roster to be presented.

The July board meeting was adjourned with a vote by Jon being seconded by Tom, W8NWG. Meeting was adjourned at 2013.

Meeting minutes were provided by Vice President Corey, KC9RAV.

Minutes of Club Meeting

The meeting was called to order by PAARC Club President, Jon Dainty, NM0O at 7:01 pm.

Tonight's program was a presentation by Corey, KC9RAV, regarding Connectors, Fuses & Wires – How to Get Power to your Radio.

A motion was made by Steve, KD9AER, to accept the minutes as published in Bandbits. The motion was seconded by Neil, KC8FYI. A vote was taken, the motion was approved.

Treasurer's Report: There was no Treasurer's Report, as the Treasurer was absent.

Corey, KC9RAV, reviewed the calendar of upcoming events in the next month. In particular we discussed the club's support and participation in Whitney's Walk, which was led by Mark, W9WGN. Those folks desiring to participate in communications support are encouraged to meet for breakfast at 6:00 AM at Jubilee Cafe on Saturday, July 27th.

ARES: Rich, KD9ANU, reported that the local Winlink Gateway was down for a part of a day due to a Windows computer update which took the system off-the-air on July 10. A trip to the Bunker was made to reset things back to normal.

Mark, KD9IBC, made a motion to adjourn the meeting. Justin, KD9JFF, seconded the motion. The motion was approved and the meeting

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 itone 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

adjourned at 8:15 pm.

Submitted by Rich, KD9ANU, Past-Secretary, filling in at tonight's meeting

Repeater Updates

147.075 - The 075 continues to run good. Investigating linking possibilities.

146.850 – The 85 continues to run good. Still waiting for a signed updated agreement document from the Timber Hollis Fire Dept.

D-Star – Gateway, Controller and VHF repeater running fine. On July 18th, the D-Star UHF repeater was put on the air. We are experiencing a new problem with the gateway internet connection where the provider's router keeps powering itself down. The provider has been notified and they will get it resolved soon. We are waiting to hear from the new proprietor of Moyers on further rent and agreement proposals. PAARC is paid up on rent through 6/30/2019.

73,

Steve

KD9AER

An Attack on Digital Communications

"This letter has been endorsed by the SEC's in IN, WI, NC. This main points in this letter have been submitted to the FCC Comments site relating to RM-11381, submitted a similar letter to the ARRL BOD and the Executive Committee and the Section Managers in the US."

Dear SECs/SMs,

Over the past months, negative comments in FCC Proceedings and semi-public forums concerning certain types of digital techniques, their characteristics, bandwidth, interference potential, and use have escalated into what could called an inflamed state.

We, who use and understand these digital techniques, are aghast at the seemingly willful reliance on incorrect and inaccurate statements by some, repeated ad-nauseam for the seeming purpose of 'winning' their position.

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 payable by February 1ST of each year.

Bandbits Policy

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We maintain:

1. The FCC recognized some digital techniques required elegant transmission and reception methods and correctly categorized and permitted those techniques decades ago. There is no need to cover old ground. We need rules that encourage all forms of technology and technology leaders who actually create and produce usable techniques. *
2. The concept of 'self-policing' should begin with 'self'; every individual amateur striving to communicate within the bounds of good practice. Should an error occur, the amateur community should strive to help, not condemn. We do not need, nor should we ever want, 'amateur policemen' – the Government enforces, Amateurs mentor and encourage.
3. There has never been an expectation of privacy in the Amateur Radio Service – nor should there be. **The US Government** has always had the right to intercept and parse all Amateur communications at will. That is the reason the FCC has consistently allowed digital technologies that are **publicly documented**. An excerpt from an FCC action:

"Use of CLOVER, G–TOR, and PacTOR

Digital Codes

AGENCY: Federal Communications Commission.

ACTION: Final rule; interpretation.

SUMMARY: On October 2, 1995, the Chief, Wireless Telecommunications Bureau adopted an Order that clarified that amateur stations may use any digital code that has its technical characteristics publicly documented. The amendments were necessary because some amateur operators have expressed concern about the propriety of using the CLOVER, G–TOR, and PacTOR codes on the High Frequency amateur service bands.

EFFECTIVE DATE: November 1, 1995." **

4. Young people become Amateur Radio enthusiasts through patient and competent mentoring, not ease of use. If that were the case, why did the hobby grow in the last century when "high speed" Morse Code was a prerequisite for a 'full' license and the testing process more onerous than today?
5. There are people in this world who think the rules don't apply to them. Let the FCC interpret and enforce the rules to the extent the infraction requires. An Amateur Radio license is just that, not a license to practice law.

welcome and can be sent to: BANDBITS Editor – P.O. Box 3508 Peoria, IL 61612-3508 or via E-mail at w9uvi@arrl.net Articles for BANDBITS must be received by the 25th of the month for inclusion in the next issue.

Superfest 2019

Superfest 2019 will be held on September 21-22nd, 2019 at Peoria Expo Gardens. Tickets are available for purchasing at W9UVI.org

Whitney's Walk

Seven members from PAARC gave their time by volunteering emergency communications during Whitney's Walk in Jubilee Park on July 27th. If you are interested in helping with other walks and emergency communications please contact a board member.

Operating Practices

Please refrain from excessively long winded especially when in a round-table discussion and during times when band conditions are changing.

6. Interference happens. Deal with it.

In the last months, several exercises using digital technologies have been reported by the ARRL as successful and well received by the Served Agencies involved. Indeed, the Rulemaking Petition requesting additional privileges for Technician Licensees discussed the ability to use digital techniques.

We're asking SMs and ARES SECs to join with us for the purpose of requiring the ARRL Executive Committee and Board to vigorously defend ALL forms of digital technologies, now and in the future.

Please join us. To those sincere Radio Amateurs who feel otherwise: We must respectfully agree to DISAGREE.

73

Fritz Bock, WD9FMB, IL/SEC – Licensed 1998; CV contains: Program Director, Caterpillar, ARES EC, DEC, Illinois Section

Robert Littler, PE, W9DSR, IL/ASEC – Licensed 1966; CV contains; Wireless Technology (LTE) Director, Consulting Engineer, and FCC staff engineer

* For an unbiased technical discussion see the comments of Philip R Karn, KA9Q in RM-11831

** See Federal Register, Vol. 60, No. 211, P. 55485

Items for Sale

- Kenwood TS-940S S/N 707419 repaired, new caps and batteries, filter YK-88S1, rebuilt auto-tuner and AVR Power Board, on-air testing in 2014. Comes with operating manual, service manual, rebuild notes from K3TEN, original boxing.
- Kenwood interface kit IF-10A, IF-10B, IF-10C
- Kenwood SP940 speaker
- Kenwood MC-60 microphone
- MFJ-464 CW Keyer/Reader
- Cushcraft R8 8 band antenna with manual
- RCI 2950 CB/10 meter radio with manual
- Kenwood SW-100 SWR/Power Meter
- ARRL On the Air W/HF digital
- ARRL Workshop Manual
- ARRL Amateur Radio Booklet
- ARRL Operating Manual
- Pyramid PS-26KX power supply
- Astron RS-20A power supply
- MFJ-260 dummy load

- Dell keyboard
- Homebrew cooling fan
- Homebrew 5" inch speaker
- 40 Coax fittings in plastic containers
- 2-coax jumper 5ft
- Coax jumper 2 ft
- Coax jumper 15ft
  Please Contact Michael Wesner, W1HTA, Sycamore Ave, Morton,(309)263-2547 for more information

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: Aug 17th, Oct 19th and Dec 14th. 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: 11/9 is a tentative date. 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.