



Pilot Knob Amateur Radio Club • KS0LV • Leavenworth, Kansas • EM29 • Volume 5 - No 5• May 2010

Welcome to the Pilot Knob Amateur Radio Club

GET ACQUAINTED WITH OUR NEIGHBORS

From the QNU Newsletter, Hiawatha, KS

Kaw Valley ARC, W0CET, Topeka, Ks, KVARC meets on the 1st Friday of each month at the Topeka Shawnee County Library in Topeka. □ KVARC Meeting 7:30 PM, May 7, 2010, Topeka/Shawnee County

Public Library, Storm Callout and Safety Procedures will be the topic.

Missouri Valley ARC, W0NH, St. Joseph, Mo. Meetings are held on the first Monday of every month at the Red Cross Conference Room at 7:30 pm. The ARES meeting is held at 7:00 pm. The meeting location is at the Midland Red Cross Building, 401 North 12th Street in St. Joseph. A weekly ARES net is held at 8:00 PM on 146.850 MHz/-0.600 MHz PL 100.0 Hz.

Southeast Nebraska Radio club, Auburn, Ne, Meetings have been combined into an annual fall picnic, but have now been expanded to twice a year - a springtime Saturday breakfast in April and an autumn potluck picnic with hopefully more expansion to come. The repeater in Auburn is 147.075 MHz/+0.600 MHz.

Douglas County ARC, Lawrence, Ks. Meetings are held on the 2nd Wednesday of each month, 7:00 pm, at the Douglas county Fairgrounds, Building 1, 21st and Harper, Lawrence, Kansas. Check in's are on Tuesdays at 8:00 pm on the W0UK repeater, 146.760 MHz/-0.600 MHz PL 88.5 Hz. The next meeting on May 12th will have N0MJS, who will be presenting a program on getting his 900 MHz repeater on the air. On June 9th, KB6WHT will present a program on antennas with highlights on J-poles.

Hiawatha Amateur Radio Club

Tele. Contact 785-742-2933 (AF0I) Hiawatha's 2 Meter Repeater – Wa0srr – Check In Monday's at 9 p.m. 147.180 MHz/+ 0.600 MHz, PLL, when used, is 88.5 Hz. Website: <http://www.hiawathaamateurradioclub.com/index.htm>

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Wednesday Nets

7:00 AM 3.920 LSB KS AM Weather Net
11:00 AM 146.82 Skywarn Net (Spring time)
12:30 PM 7.253 LSB Central States Tfc Net
5:45 PM 3.963 LSB Missouri Traffic Net
6:00 PM 3.920 LSB KS Weather Net 6:00 PM 224.940 Jo. Co. KS ARES 220 Net
6:30 PM 148.15 Civil Air Patrol Net 6:30 PM 3.920 LSB KS Sideband Net
6:45 PM 3.920 LSB KS Phone Net
7:00 PM 3.547 LSB QKS CW NTS Tfc Net
7:00 PM 145.31 Independence RACES Net
7:30 PM 3.547 CW QKS SS Slow Speed Net
7:30 PM 28.125 CW NEKCARC CW Net
7:30 PM 146.79 Clay County ARC Net
7:30 PM 147.000 Pilot Knob ARC Net
7:45 PM 147.555 Kansas City 2M Simplex Net
8:00 PM 145.470 Jo. Co. KS SSTV Net
8:00 PM 28.440 MO-KAN Tener Chapters Net
8:00 PM 147.09 Computer Information Net
8:00 PM 147.345 Linn County ARC Net
8:00 PM 148.375 Navy-Marine Corps MARS Net
8:30 PM 147.225 Green Hills ARC Net
9:00 PM 52.555 6 Meter Net
9:00 PM 147.09 Swap & Shop Net
10:00 PM 3.547 CW QKS CW NTS Tfc Net

DUES

If you have not paid your dues, please see the Treasurer! Or mail them to:

The Pilot Knob Amateur Radio Club 4501 Commercial Place Ste 101B Leavenworth, KS 66048

AREA EVENTS

May 6 Pilot Knob March meeting—7:30 PM Red Cross 525 Shawnee, Lvn, KS

May 14-16, 2010 The Mother of All Hamfests – The Dayton Hamvention at Hara Arena,

May 22 - Lonestar Bike Ride Brian Short, KC0BS - 913-638-7373 - kc0bs@arrl.net

June 26-27 Field Day weekend

July 17, 2010, Hamfest, Warrensburg ARC,

St. Joe Hamfest is Back on theCalendar-Sep. 18, 2010

Sep 19, 2010 - Bikers for Babies (Kansas Speedway) Matt May, KC4WCG - 913-384-6549 - matthewmay@kc.rr.com

October 2nd, 2010—Annual SET

July 23rd 2011—Kansas City DX Club convention, Leavenworth, KS

2010 VE Testing Dates

- o February 26
- o April 30
- o June 25
- o August 27
- o October 29
- o December 17 Last chance for this year!

If we don't have any callers to take a test by mid-week leading into the testing date, the testing session will be cancelled for that month.

If by chance we have several people interested in testing during one of our off months, we may be able to put together a testing session to accommodate them. **BE SURE TO BRING AN EXTRA COPY OF YOUR LICENSE IF GOING FOR GENERAL/EXTRA CLASS LICENSE.**

All testing sessions will be held at the Red Cross at 7:00 p.m.

Contacts for a test are:

- o Martha Auchard - 913-772-7350
- o Gary Auchard - 913-772-7350
- o Dave Phillips - 785-876-3074

Or any of the other qualified VE's that someone might talk to about testing.

Announcements pertaining to testing will be given during the weekly local 145.330, 147.000 two meter and on the 444.800 repeater nets.



Forrest Brandt, a teacher at the Bashor-Linwood high school will be making a presentation at our May 6th meeting concerning an interesting venture he has undertaken with his students concerning amateur radio knowledge/skills.

QRZ is a monthly publication of the Pilot Knob Amateur Radio Club and may be quoted in other publications provided a credit line is included and the author (if known) is given acknowledgment. Items related to amateur radio will be advertised free of charge. Articles for publication in QRZ are always welcome and willingly accepted in any form. We reserve the right to edit material as necessary. Please let the Editor know if you experience problems getting your issues of QRZ, or if it is received in a difficult to read state. Members are encouraged to receive their QRZ via E-mail, rather than paper copy. Requests to receive the hard copy version will be honored. Your effort to reduce club expenses will be appreciated.

Comments or suggestions regarding the QRZ format are welcome and appreciated.



MORE FUN?

Joseph Sheehan Bike Race 25 April 2010

Amusing things occur at many of the bicycle races. The second place finisher of one of the events this past weekend suffered a flat tire about 50 yards short of the finish line. He finished by carrying his bike across the line!



FROM THE KICKAPOO QRP ARC OPERATING DESK

From The Kickapoo QRP ARC Operating Desk

One of the best QRP conventions was held April 9 & 10 in Branson Missouri and if you missed it you sure missed a fun and interesting convention. The QRP convention I'm referring to is the 4SQRP convention. The 4SQRP organization is made up of the four states of Kansas, Missouri, Oklahoma and Arkansas thus the '4S' designation.

This was the 4th 4SQRP convention I've attended and each one seems to be better than the last. This is an annual event and next year's convention will be held at the same place and at about the same time in April. Keep your eyes open for the convention notices and maybe next year you can attend. You don't have to be into the QRP operation of ham radio to attend these conventions as the information in the seminars is applicable to other areas of our hobby too.

This year we had four speakers at the convention. The first speaker was Paul Daulton – K5MWS and his topic was 'Low Frequency Beacons'. The second speaker was Dave Gauding – NF0R and his topic was various portable antennas he has built for field use. The third speaker was Gerry Edson – WA0KNW and his discussion was about 'Uses of Diode Ring Double Balanced Mixers'. To me this was a very interesting topic and one a lot of builders probably found interesting. The final speaker was Dave Cripe – NM0S. His topic was called 'Ham Salad' and covered the various ways to simplify construction of various amateur radio items.

You may have noticed Dave Cripe in the May issue of QST magazine. His homebrew class 'E' amplifier was pictured on the very front cover of that magazine issue.

The Friday night banquet was absolutely great. The food was Prime Rib, Chicken and Fish and well worth the money paid for the meal. The speaker for that event was the Mayor of Branson and she told the crowd about the history of Taney County Missouri where Branson is located.

All in all, this was a great event and something that is a lot of work to put on but one of the best local area ham radio events available. I strongly encourage you to think about going next year to check out the activities. Of course there are many other activities in the Branson area to take in also and early April is a great time to be in that area of the country.

Field Day is the next major event to be held and it's coming up in just over 2 months. Hopefully this year we will have more operators show up and actually participate in making contacts throughout the full 24 hours period. The bands are starting to open up now and some of the best long distance contacts happen in the middle of the night. This club needs to seriously start supporting this activity more or else dispense with even participating. Last year we only had 3 or 4 operators after 10:00 p.m. and that was a pretty poor showing for a club of this size. Over the 37 years I've participated in Field Day with this club I've heard all of the excuses for why someone didn't attend Field Day. The bottom line is either you want to participate or you don't. Yes there can and will be conflicts with a person's time but you can usually schedule around those conflicts if you really want to participate in Field Day. So come on out people. This event only happens once a year and it only for a 24 hour period. This is a perfect time to learn about portable operating and having fun at the same time. Let's make this year's Field Day event something the club can brag about for a change.

Gary A. – WB0MNA

Minutes of PKARC Club Meeting

4 April 2010

1. The April meeting was called to order by President Richard Waelterman,
2. There were 18 members and visitors in attendance.
3. Income from dues, less routine expenses resulted in a balance of \$499 in the treasury.
4. KA3LOC reported on MARS – An automatic software update has been accomplished, and propagation rate is good.
5. WB0MNA announced testing for April 30th, and mentioned several Hamfests coming up. He has provided the KCDX Club with 147.00 repeater information and said they will need help giving instructions to attendees at the conference being held in Leavenworth, July 2011. We can all help by monitoring 147.00 and assisting in that venture.
6. KA0DJR informed the group that the county has issued new radios to many of the Volunteer weather spotters, and that the Cushing APRS/radios are up and running.
7. It was mentioned that Wyandotte County is working on a grant for 30 Red Bee trackers that will be shared with Leavenworth and Johnson counties.
8. Field Day will be at the club station.
9. W7KU presented a program on logging calls using computer software.

Submitted

Kelly Stanfield KDOIWM

Secretary

Contest Corral



Contest Corral *National Contest Journal* AM/PM times are local. UTC dates and may be different than calendar date in North America. No contest activity on 30, 17, 12-meters.

Refer to the contest Web sites for full rules, scoring information, operating periods or time limits, and log submission information.

MARAC CW and SSB Contests--Phone, CW, from May 1, 0000Z to May 2, 2400Z. Bands (MHz): 3.5-28, 50-432, Frequencies (MHz): 3.550, 7.050, 14.050, 21.050, 28.050. Exchange: RS(T), state, county abbreviation. Logs due: May 31.

10-10 Spring Digital Contest--Digital, from May 1, 0001Z to May 2, 2359Z. Bands (MHz): 28. Exchange: Call sign, name, 10-10 number, state. Logs due: 15 days.

7th Area QSO Party--Phone CW, Digital, from May 1, 1300Z to May 2, 0700Z. Bands (MHz): 1.8-28, 50,144, Frequencies (MHz): CW--40 kHz above band edge; SSB--1.845, 3.855, 7.235, 14.255, 21.355, 28.455. Exchange: State and county code. Logs due: Jun 5.

Indiana QSO Party--Phone, CW, from May 1, 1600Z to May 2, 0400Z. Bands (MHz): 1.8-28. Frequencies (MHz): CW--1.805 and 40 kHz above the band edge on 80-10 meters, SSB--1.845, 3.820, 7.190, 14.250, 21.300, 28.400. Exchange: RS(T) + S/P or IN county, DX RS(T) only. Logs due: Jun 15.

Radio Club of America QSO Party--Phone, from May 1, 1700Z to May 2, 0459Z. Bands (MHz): 3.5-21. Exchange: RS, QTH, name, equipment.

New England QSO Party--Phone, CW, Digital, from May 1, 2000Z to May 2, 0500Z and May 2, 1300Z to May 2, 2400Z. Bands (MHz): 3.5-28. Frequencies (MHz): CW--3.540, 7.035, 14.040, 21.040, 28.040; SSB--3.850, 7.180/280, 14.280, 21.380, 28.380. Exchange: RS(T) and S/P or New England county. Logs due: 30 days.

CQ-M International DX Contest--Phone, CW, from May 8, 1200Z to May 9, 1200Z. Bands (MHz): 1.8-28. Exchange: RS(T) and serial. Logs due: 30 days.

Portuguese Navy Day--Phone, CW, from May 8, 1500Z to May 9, 1500Z. Bands (MHz): 3.5-28. Exchange: RS(T), serial, CQ zone. Logs due: 20 days.

FISTS Spring Sprint--CW, from May 8, 1700Z to May 8, 2100Z. Bands (MHz): 3.5-28. Exchange: RS(T), S/P/C, name, FISTS nr or power. Logs due: 30 days.

Nevada QSO Party--Phone, CW, Digital, from May 8, 1700Z to May 9, 1700Z. Bands (MHz): 1.8-28, 50, Frequencies (MHz): CW--15 kHz and SSB 25 kHz above General band edge. Exchange: RS(T) and S/P/C or NV county. Logs due: Jun 15.

50 MHz Spring Sprint--Phone, CW, Digital, from May 8, 2300Z to May 9, 0300Z. Bands (MHz): 50. Exchange: Grid Square (6-character preferred). Logs due: 14 days.

VHF Spring Sprints--Phone, CW, Digital, from Apr 28, 7 PM to Apr 28, 11 PM. Bands (MHz): 432. Exchange: Grid Square (6-character preferred). Logs due: 14 days.

Microwave Spring Sprint--Phone, CW, Digital, from May 1, 6 AM to May 1, 1 PM. Bands (MHz): 902+. Exchange: Grid Square (6-character preferred). Logs due: 14 days.

TRIVIA ANYONE?

*** When radio amateurs are trying to solicit a new contact, what two-letter phrase do they use?

* CQ (sounds like seek you). WX means weather, DE means “from” and CX is the common call sign prefix for hams in Uruguay

Community Service

Several hams in the area have built themselves a reputation for excellent service to several hundred bicycle enthusiasts. Just to name a few that include KA0DJR, KD0BBM, KC0VRN, WA0BTM, KC0TFR, KE0DL. Another ham, KC0BZX (I think) is a certified referee for sanctioned races, and uses a motorcycle with an HT mounted on it. It's been fun working with him. A somewhat unique twist was added to the Joseph Sheehan race, as we had KD0BBM standing by with a home based radio and antenna in Atchison working between a simplex frequency and the 147.00 repeater frequency. This allowed the potential for being able to communicate via amateur radio all along the race course, including Atchison, KS.

VE Bits



Club members and others interested in taking the FCC examinations for the various license classes should know that testing sessions for the Club have been set at the American Red Cross building on Shawnee Street, Leavenworth at 7:00pm.

If you need assistance preparing, please ask any of the Club officers. Classes will be held also throughout the year depending on the number of those interested in devoting the time. Bring an extra copy of your license if applying for a General or Extra license.

Please notify Martha Auchard, **WB0ERI**, at 772-7350 of your desire to take the test, so Volunteer Examiners can be notified and all the elements you need are on hand. Also, if you have any questions about testing, or how to become a Volunteer Examiner, contact Martha.

HOW DO WE GET MORE INVOLVED?

Several recent articles have commented on hams not being very responsive on local nets lately. While some of our local nets have good participation, others could certainly use your help. It may be that not too many of us have 70 centimeter equipment, or that we're “out of range” of a repeater. To resolve those problems, a couple of our Net Controllers have become innovative, and monitor multiple frequencies, picking up calls from hams who can't get into their particular frequency/band. Neat idea!

Perhaps we've just gotten out of the habit of looking at the clock when it comes time for a net. How about “upping” our involvement? I know we have some new callers who would appreciate meeting you on the radio. Show them that we are “active”!.

SPECIAL EVENTS

- May 1, 6 AM - May 1, 1 PM 902+ Microwave Spring Sprint ✕ ✕ ✕ Grid Square (6-character preferred) tinyurl.com/springsprints
- May 1, 6 AM - May 2, 8 PM 2.4G+ 2 GHz and Up World Wide Contest ✕ ✕ ✕ 6-char grid locator www.ham-radio.com/sbms
- May 1, 0000Z - May 2, 2400Z 3.5-28 50-432 MARAC CW and SSB Contests ✕ ✕ RS(T), state, county abbreviation www.marac.org
- May 1, 0001Z - May 2, 2359Z 28 10-10 Spring Digital Contest ✕ Call sign, name, 10-10 number, state www.ten-ten.org
- May 1, 1300Z - May 1, 1900Z 3.5,7 QRP-QRP-Party ✕ RST, serial, category www.agcw.org
- May 1, 1300Z - May 2, 0700Z 1.8-28 50,144 7th Area QSO Party ✕ ✕ ✕ State and county code www.7qp.org
- May 1, 1600Z - May 2, 0400Z 1.8-28 Indiana QSO Party ✕ ✕ RS(T) + S/P or IN county, DX RS(T) only www.hdxcc.org/inqp
- May 1, 1700Z - May 2, 0459Z 3.5-21 Radio Club of America QSO Party ✕ RS, QTH, name, equipment www.radio-club-of-america.org
- May 1, 2000Z - May 2, 1959Z 1.8-28 ARI International DX Contest ✕ ✕ ✕ RS(T), serial or Italian province www.qsl.net/contest_ari
- May 1, 2000Z - May 2 2400Z 3.5-28 New England QSO Party ✕ ✕ ✕ RS(T) and S/P or New England county www.neqp.org
- May 8, 1200Z - May 9, 2400Z 1.8-28 Armed Forces Comm'ns Test ✕ ✕ RS(T) www.netcom.army.mil/mars
- May 8, 1200Z - May 9, 1200Z 1.8-28 CQ-M International DX Contest ✕ ✕ RS(T) and serial www.cq-m.andys.ru
- May 8, 1200Z - May 9, 1200Z 3.5-28 Alessandro Volta RTTY DX Contest ✕ RST, serial, CQ zone www.contestvolta.com
- May 8, 1500Z - May 9, 1500Z 3.5-28 Portuguese Navy Day ✕ ✕ RS(T), serial, CQ zone www.nra.pt
- May 8, 1700Z - May 8, 2100Z 3.5-28 FISTS Spring Sprint ✕ RS(T), S/P/C, name, FISTS nr or power www.fists.org/sprints.html
- May 8, 1700Z - May 9, 1700Z 1.8-28 50 Nevada QSO Party ✕ ✕ ✕ RS(T) and S/P/C or NV county nv.arrl.org/nqp
- May 8, 2300Z - May 9, 0300Z 50 50 MHz Spring Sprint ✕ ✕ ✕ Grid Square (6-character preferred) tinyurl.com/springsprints
- May 15, 0800Z - May 15, 1500Z 3.5-28 Portuguese Navy Day ✕ RST, serial, CQ zone www.nra.pt
- May 15, 1200Z - May 16, 1200Z 3.5-28 EU PSK DX Contest ✕ RST and EU area code or serial www.eu.srars.org
- May 15, 1200Z - May 16, 1200Z 1.8-28 His Majesty King of Spain Contest ✕ RST and serial or EA province www.ure.es
- May 15, 1500Z - May 16, 2359Z 3.5-28 All America Contest ✕ RST, continent, and category www.powerline.com.br/cwjf/eng4.htm

USEFUL REFERENCES

QRZ—Call sign database and on-line practice tests: <http://www.qrz.com/site.html>

QST—Monthly ARRL Monthly Membership Journal: <http://www.arrl.org/qst/>

FINDU—Locate anyone with an APRS— (insert the desired call sign in lieu of KC0VRN):
<http://www.findu.com/cgi-bin/find.cgi?call=kc0vrn>

Contest and Special Event listings courtesy of the Amateur Radio Relay League, www.arrl.org. DX listings courtesy of the Ohio/Penn DX Bulletin, www.papays.com/opdx.html. Due to space limitations, not all listings from the sources are provided; only those that may be of general interest. Additional information and listings may be obtained from the respective websites. The Pilot Knob Amateur Radio Club (PKARC), the QRZ, or its editor make no guarantees to the accuracy of the information provided.

Contest abbreviations - SO -- Single-Op, M2 -- Multiop -- 2 Transmitters, MO -- Multi-Op, MS -- Multi-Op, Single Transmitter, MM -- Multi-Op, Multiple Transmitters, AB -- All Band, SB -- Single Band, S/P/C -- State/Province/DXCC Entity, HP -- High Power (>100 W), LP -- Low Power, QRP (5 W or less), Entity -- DXCC Entity.

MEETINGS

Date: First Thursday of each month
 Time: 7:30 p.m., Central Time
 Location: The American Red Cross
 525 Shawnee
 Leavenworth, KS



AFFILIATIONS

THE AMERICAN RADIO RELAY LEAGUE
 THE AMERICAN RED CROSS
 THE LEAVENWORTH COUNTY
 OFFICE OF EMERGENCY MANAGEMENT
 THE SALVATION ARMY

AREA REPEATERS	PL TONE	TRUSTEE
145.330(-)		NOKOA
147.000(+)	151.4	WBOERI
444.800(+)	151.4	WOROO
442.350(+)	107.2	NOMIJ

LOCAL NETS	DATE - TIME - REPEATER
ARES Info and Training:	Sun. - 7:30pm - 147.000
PKARC Net:	Wed. - 7:30pm - 147.000
ARES Net:	Thur: - 7:30pm - 145.330
MAC Net:	Sun: - 7:00pm - 444.800

**We're on the
 Web
www.pkarc.net**

The Pilot Knob Amateur Radio Club
 4501 Commercial Place Ste 101B
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