



Welcome to the Pilot Knob Amateur Radio Club

FIELD DAY A GREAT SUCCESS

From all reports received so far, Field Day was well received, and around 15 amateur radio operators participated. The bands were open and many contacts were made. Several HF rigs were operating on a number of antennas. One report indicated that Kelly Stanfield KD0IWM, with assistance from Richard Quinlan KA0DJR and others was able to communicate with ARRL! We're waiting to hear other stories of success, and results of distant contacts.

Also encouraging to KA3L0C was the participation of each of the newly licensed/upgraded hams from the testing session the previous evening. Each had an opportunity to get several HF contacts made.

The barbecue meal was enjoyed, and the weather was tolerable. Several stayed on into the night while the bands were open.

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Friday Nets

7:00 AM 3.920 LSB KS AM Weather Net
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
6:30 PM 3.920 LSB KS Sideband Net
6:45 PM 3.920 LSB KS Phone Net
6:30 PM 148.15 Civil Air Patrol Net
7:00 PM 3.547 LSB QKS CW NTS Tfc Net
7:30 PM 28.125 CW NEKCARC CW Net
8:00 PM 148.375 Navy-Marine Corps MARS Net
8:30 PM 4.4705LSB Navy-Marine Corps MARS 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

June 26-27 Field Day weekend

July 1—PKARC Meeting night. 7:30 PM

July 17, 2010, Hamfest, Warrensburg ARC,

Aug 15—ARRL Kansas State Convention, Salina, KS

St. Joe Hamfest is Back on the Calendar-Sep. 18, 2010 Maybe. Check rumors!

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

October 2nd, 2010—Annual SET

Oct 16—Octoberfest Southside Amateur Radio Club, KCMO

Jan 15—Midwest Search and Rescue Hamfest, North KC MO

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.



Couldn't find any particular announcements for this month. Take a look at the upcoming events and pick out some that you think you'd enjoy. There's always somewhere to go, and something to do!

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.

PLEASE NOTE



It came as a surprise to me, but KD0IWM is a Disk Jockey! She has a radio show on the internet starting 8 am on Saturday mornings. So she is an international DJ! She takes requests via phone and/or email, and encourages anyone to call in. Everyone involved with the station has impaired vision. She's not going to be on the air for the next couple of weeks, but come July 24 do tune her in.

The station's email address is music@2020theblink.net and the web site to go to in order to listen is www.2020theblink.net

FROM THE KICKAPOO QRP ARC OPERATING DESK

From The Kickapoo QRP ARC Operating Desk

Have you ever found yourself in a situation where the weather is rainy outside and you're looking for something productive to do inside the house? Well I have and one day this week I found myself in that position so I dug out one of the many electronic kits I've been picking up this year at events like Ozarkcon and FDIM (Four Days In May) in Dayton during the Hamvention.

One of the speakers at the FDIM event this year was a ham from 'G' land by the name of George Dobbs – G3RJV. His presentation was centered on a 40 meter receiver he designed and called the "Sudden Receiver" and was selling in kit form at the event for \$35.00 each. The name came from the place he lived and was not meant to convey hastiness. This kit had its beginnings 20 years ago and has had articles about it in '73' magazine. I picked up one of these kits and it has been pulling at me to build it ever since I bought it. Originally I had planned to build it during one of the cold and snowy winter days ahead of us later this year. Fortunately the urge to build the kit now won out and I pulled out the old soldering iron and went to work. I must say, this kit was a treat to build.

As I said earlier, the kit is a 40 meter receiver and will cover the full band plus tune both CW and SSB signals. The circuit was designed by George Dobbs – G3RJV and the PCB design was done by Rex Harper W1REX. Both of these hams are well known in the QRP community. This kit is sponsored by the G-QRP Club (www.gqrp.com) of England and it is the largest QRP club in the world. Rex Harper has also produced a version of this kit called the "Sudden Storm" and it can be purchased at 'qrpme.com'. The kit I bought can be found at Kanga Products.

The circuit components are mounted on little soldering pads on top of the circuit board so there are no holes to worry about in the board. There is enough spacing between the soldering pads to easily avoid accidentally splashing a bit of solder across two pads and short things out somehow. It's a very good kit for a beginning builder in my opinion.

After soldering all of the parts on the circuit board you then build your case by snapping apart the top and sides from a piece of circuit board that has been scored to break at designated places. Next you solder these pieces together and make the top case and front and backs. This kit comes in a flat plastic bag but when you're all done building it ends up being about the size of a McDonald's cheeseburger and is an extremely nice looking little receiver and works very well.

Alignment is relatively simple and can be performed by adjusting three coils. Using a nearby receiver you can set the oscillator coil where you want it. The other two coils are simply adjusted for the loudest signals in the headphones. A nine volt battery is all that's needed to power this little receiver and is enclosed in the case.

The instructions for the kit could use a little improvement but a little common sense or assistance from experienced builders would easily get you past any shortfalls in the instructions. I'll bring this little receiver to the next club meeting for a "Show & Tell" and you will be able to see how nice it looks and how portable it really is.

One area the members of the PKARC need to improve in is its level of technical knowledge and building skills. Checking into local nets and supporting racing events and such is a small part of what real ham radio is all about. It's also about enhancing the technical skills and knowledge of hams and projects like this would be an excellent way to achieve doing that. Maybe we can develop another building session like we did for building the direction finders. That session was successful, but unfortunately the interests in learning to use a direction finder during a 'Fox Hunt' kind of died as we've only had one Fox Hunt in the two years since we built these little devices. We can and should do much better in the technical knowledge areas and there are several very experienced mentors in the club that would willingly share their time and experience to improve the technical knowledge of present and future club members. Besides that, you might just find out that it's a lot of fun to build something and actually see it work. I don't know of any club member that could not build this 40 meter receiver kit given the time and guidance necessary to do so.

See you at the next club meeting.

Gary A. – WB0MNA

Minutes PKARC meeting 3 June 2010

President Rich N0CKM opened the meeting at 7:30 PM.

There were 21 members/guests present.

Minutes were accepted as presented.

Treasurer's report: \$687.

WB0MNA reported on 4 Days in May QRP/Dayton Hamvention.

KA3LOC said that Missouri MARS had a run a test on 3 June.

Emergency Management for Leavenworth County was still seeking people to assist Tonganoxie with a run, and a display at Dillon's on 12 June.

The Lansing Historical Society 5 K run will be held June 13th and needs volunteers.

KA3LOC mentioned Field Day on the 26th and 27th of June at the PKARC shack. Setup about 1000 am. Be there at 4 PM for head count for supper. Side dishes are encouraged. Anyone can be involved, as General/Extra hams can assist by use of their privileges.

President Rich led a discussion on Forrest Bryant's radio/electronics classes with ARRL needing a club sponsor. The club agreed to be a sponsor and 4 members volunteered to assist.

KD0BKH said he had not heard where the Wyandotte club would be holding their Field Day. Their group was invited to join ours.

KA0DJR said he would be moving his Thursday night ARES net from the 145.330 repeater to the 147.00 repeater. Not many hams can reach the 145.330 repeater now that the antenna has been taken down at Ft. Leavenworth.

There was a demonstration/discussion on a TENTEN QRP CW radio that was received at the Dayton ham fest.

There was an update on FCC actions pertaining to the HEART/government employee use of amateur radio.

Submitted

Kelly Stanfield KD0IWM

Secretary

Resources—A Chat with Brian Short

Could you provide a short narrative (maybe for the QRZ) that explains what the NEKSUN network is, and how it works?

Public info is available at www.k0ham.com

For example, if you make a call on one of the repeaters, aren't you heard on all the other repeaters?

Yes

Doesn't that tie up all the other repeaters if there is a net on one of them?

Yes, thats the whole point of an interlinked network.

Would a tone be needed?

Yes. All K0HAM repeaters use an 88.5 Hz tone.

Won't there be a lot of discussion going on much of the time?

That is the hope!

Would having just one of the frequencies programmed in to your radio negate the need to have any of the other frequencies programmed in?

No, you should have them all, as they all cover different geographical areas. Again...that is the whole point of the interlinked system, to allow EXTREME wide area coverage. We cover from Sweet Springs Missouri, to Junction City, KS and on the South to the Lake of the Ozarks, and Fort Scott, and soon as far as South of Wichita thanks to the new repeater at Matfield Green 147.045

Has there been a significant benefit to having these repeaters linked yet?

I guess you would have to determine that for yourself, isn't a super wide area coverage repeater system a huge benefit to the hobby and EMCOMM in NEKS/NWMO?

Since they are all linked, I would think that they'd be an asset to use for bicycle/motorcycle runs.... But to my knowledge they've not been used for that. Discussions on those topics would be of great interest, particularly for newer hams.

You do need to start listening! We have a huge number of special events on the network throughout the summer & special event season.

I guess I should listen on one of the frequencies for a while.

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, **WBOERI**, 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.

RESOURCES

Elsewhere on this page is a resource that might be of value to a new Ham, or any of us who have not used these linked repeaters. It is listed to help you get started. Now, **have you ever thought of YOU being a RESOURCE for someone else?** It is satisfying when you can use your skills or equipment to help someone else, and there are certainly some worthwhile opportunities.

PKARC resources that were used this past month include support to a run in Tonganoxie, support to an Emergency Management display at Dillon's in Leavenworth, and support to the Lansing Historical Society 5 K run/walk

Of course, the annual Field Day held on 26-27 June was a great resource and opportunity for all of us to become more acquainted with the HF frequencies as well as a super chance to visit and learn from other amateur radio operators.

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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