



Welcome to the Pilot Knob Amateur Radio Club

Changes Coming Up for the Sunday Night ARES Net

Let's face it. I know it, and you know it. The Sunday night, 7:30pm ARES net does not exactly bustle with excitement. Well, hopefully I can change that up a little. Beginning with the August 2nd net, a few changes will be made to the net. While some of these changes will appear only in the script (the addition of asking for the check-in's name and location for instance), one new addition will stand out.

After reading "The Amateur Amateur: Please Answer the Following Question", by Gary Hoffman, *KB0H* on the ARRL website (www.arrl.org), I thought, why not try it on my net. After all, like I said before, my net isn't much for excitement. The article basically explained how Gary, *KB0H*, net manager for the St Louis County ARES, combated a similar "issue" by introducing a question-of-the-week of sorts, relating to amateur radio and emergency preparedness. I contacted Gary, to tell him how much I enjoyed his article and his idea, and wondered if I might be able to use it for my net. He replied that it would be no problem and that I could even use some of the questions that they have used in the past.

Inside this issue:		PKARC Officers for 2009		
<i>Changes to Sunday net by KC5VKG</i>	1,2	President Richard Waeltermann— N0XCM		
<i>Announcements</i>	3,4			
<i>Kickapoo QRP</i>	5,6	Vice President Dan Borneman - W9JXZ	Newsletter Editor John Bennett KC0VRN	
<i>Minutes</i>	7,	Secretary Shawn Holloway - KC0LPS	Webmaster Dan Borneman W9JXZ	
<i>CQ CQ CQ</i>	8,	Treasurer Evan Strawbridge - W0AVN	Public Information Dennis Pearson - KC0TJY	
<i>Calling All DX Chasers</i>	10			
<i>Special Events</i>	11			

Here's the particulars as to how this will work. Each week, after any general announcements or information is passed, I will ask a question relating to amateur radio and emergency preparedness (net participants may submit questions as well. I explain that here in a bit). After I ask the question, I will run down the list of check-ins for each individual answer, similar to a rag-chew. For the most part, the questions will be in yes or no format, or short answer. You need not explain your answer. The questions asked will not be made to make any participant feel bad or "stupid" because they may not know an answer, may have a different answer than someone else, or may be in a different position than others. They may even help our ARES coordinator get a better feel for our capabilities. All I ask is that you answer the question(s) honestly. Finally, the results of each month's questions will be included in the following months *QRZ* with a breakdown of the responses (individual participant responses, however, will not necessarily be revealed).

If you have a question that you feel might be a good candidate, feel free to submit it to me. Please keep the question related to amateur radio, especially emergency preparedness, and in the form of a yes or no, or short answer format. You may send it to me at KC5VKG@YAHOO.COM, and if I use it during the net, I'll credit you (please be sure to include permission for me to do so when you submit).

I hope that this new addition to the net will be welcome and maybe even a little informative. And if you have any other suggestions for the net, then please feel free to let me know.

Until the next net.....

73 all, and have a good work week.

Doug - KC5VKG

AREA EVENTS

August 16—Kansas State Hamfest, Salina, KS

August 28-29 Joplin, MO Hamfest

August 6—PKARC regular meeting

September 3- PKARC regular meeting

September 12– 5 K (3.1 Mile) Starts 0800 and 0900. Inaugural Three Mile Creek Run

September 19th— Kansas QSO Party

September 20 - Bikers for Babies (Kansas Speedway) Lots of fun with Matt May
KC4WCG

October 1—PKARC regular meeting

November 5—PKARC regular meeting

=====

2009 VE Testing Dates

- o February 27
- o April 24
- o June 26
- o August 28
- o October 30
- o December 18

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 - 913-651-2621

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.



Inaugural Three Mile Creek Run

Roger Harrison has announced a downtown Leavenworth 5 K run for 0800 on September 12th. The course uses Haymarket Square, Three Mile Creek and North Esplanade for much of the course. He thinks three hams could handle it. More are welcome. Who knows, maybe we could find breakfast after the race? Contact KCOVRN to volunteer.

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?

WB0MNA makes a case for needing greater participation at our club functions and activities in his KICKAPOO article on page 5. The need for expanding our skills cannot be overstated. However, we must make ourselves available to receive the training offered. How can we do that? What are the factors that would cause us to become more active? Is there something that we don't enjoy in the amateur radio program? If so, how can that be remedied? Is there a need for more things that are "fun to do"? I know the club leadership has been working on that aspect for several months and have come up with some crackerjack programs. Additional ideas? Let them know of them!

Our club is not alone in desiring greater participation. I believe you'll find it needed with just about any community organization or event. Perhaps it's a matter of priorities. Families must come first, but don't deny yourself the opportunity of a great hobby.—
Amateur Radio.

FROM THE KICKAPOO QRP ARC OPERATING DESK

From The Kickapoo QRP ARC Operating Desk

What is Field Day? On page 84 of the May 2009 issue of QST magazine it's described as the largest on-the-air operating event in the world. It is part emergency exercise, part public awareness, part education, and 100% fun. Field Day gives both experienced operators and neophytes a chance to share ideas and new experiences in Amateur Radio.

Webster's dictionary defines 'Neophyte' as a novice or beginner. From the perspective of Amateur Radio we can consider a neophyte as a person inexperienced in the hobby or parts of the hobby and needing or wanting to learn more about how to operate radio equipment, build effective antenna systems and communicate with that equipment.

Field Day this year for the PKARC accomplished somewhat less than the above description. The level of club membership participation and accomplishment on Field Day has been in a somewhat steady decline now for several years. Some may say it's due to the poor band conditions, or the weather is too hot, or I have other commitments that day, or the list of reasons for club members not participating goes on endlessly and has for years now it seems.

Yes, the band conditions this year and last year were very poor, but contacts were being made. That's the point! If you're working in an emergency situation you may be facing exactly the same problem. How do you learn to deal with that problem if you don't experience trying to make contacts under these conditions for an extended period of time? This is one of the definitions of 'Emergency exercise'.

Ham radio operators working in a disaster situation need to have the skills and techniques necessary to make HF communications work for traffic handling. Most of the PKARC net activity in recent years has been on the VHF/UHF frequencies. There's no guarantee these FM type repeaters and systems will be in operation during a disaster. They can go out of service due to loss of AC power just like cell phone systems. I don't know of many VHF/UHF repeaters in the area that are equipped with battery back-up. Even if they are, those back-up systems will eventually fail if the AC power is off for an extended period of time.

While the ARRL Emergency/Disaster courses are good courses, they do not teach you the effective skills needed for message handling on the HF bands. Only experience will give you those needed skills.

Our Field Day coordinator did his usual fine job of organizing the operation and made sure the event was started on time and equipment was adequate for the event.

This year we had two people stop by the Field Day site and check us out. One was a new General class ham that had just upgraded the previous evening at our VE session in Leavenworth. He appeared to have picked up a lot of answers to some of his questions concerning the type of radio and antenna to purchase for how he wanted to operate. That was good and we hope to see him again at future club meetings and events. That covered the 'Education' part of the Field Day description.

A second ham showed up with a brand new Yaesu FT-857D and learned some good tips on how to operate the radio and make contacts. He also learned a bit about antennas. These two situations somewhat covered Field Day giving both experienced operators and neophytes a chance to share ideas and new experiences in Amateur Radio.

Where the club fell drastically short again this year was in the area of membership participation, particularly after the evening meal was served. By 9:00 p.m. only three members were still operating. These three members were as usual some of the most experienced HF operators in the club and the same ones that year after year seem to be expected to keep the operation going somehow throughout the

((((((

The Wednesday night PKARC net is in need of a net control to take over the net.

Dave, KE0DL does not know if antennas at his new location near Lake Perry will enable him to continue as Net Control on the 7:30 net on 147.00. Fortunately Evan, W0AVN has indicated a willingness to step in if needed.



night time hours.

While you may say these members enjoy doing this, it is only partially true. These same three members plus one other experienced HF operator/member were the people that brought out their equipment, antenna systems, power generating systems, and set up the whole operation. This was accomplished on a very hot day and done efficiently. This was not fun by any means due to the heat but was necessary to make the event happen for the club. Everyone else that stopped by seemed to mostly only want to 'Visit' and not really do much in the way of operating or participating in the event.

We have a nice club station that rarely gets used. Field Day is an excellent opportunity to make use of that station but the only use the station saw this year was a place to keep cool. Lack of operators to man the club equipment was the main problem. We had a very adequate amount of equipment to use for Field Day, but not enough people to make use of it.

This brings up the question that needs to be asked. Why does PKARC participate in Field Day if only a small portion of the membership comes out to participate in this operating event? This is supposed to be one of the most important operating events for the club each year. What is the point in doing Field Day when the only members making the event happen for are a handful of the most experienced members that don't really need practice making difficult contacts? These same members are making their skills and experience available to other club members so those members can gain HF operating experience and learn how to be better communicators and operators.

Disasters don't just happen during the daytime. They also happen at night and this club membership needs to know how to deal with setting up for operation at night, during hot/cold conditions and making communications effectively. You can't do that by staying home in the AC at night and getting a good night's sleep while others pull the load for the club. These experienced operators would like to be home in a comfortable bed too, but are willing to contribute their time and experience to help others be better and more effective ham radio operators, and enjoy the fun side of the hobby.

This year the experienced operators that were holding down the fort at Field Day did something different. Since there were no other 'Visitors' around or club members interested in seeing what it's like to operate at night, we elected to just shut down operations at 12:30 a.m. and go home. What's the use in staying around when nobody else in the club was willing to make the same commitment to the hobby?

I've been a member of the PKARC now for 36 years. I've participated in almost every Field Day the club has had in that time and only missed a couple due to being in another state at the time. I did operate Field Day from those other locations so at least I did participate. Next year may be a different story. I'm considering looking for another group to operate with. Maybe I'll look at the Raytown club that received wonderful media coverage from WDAF-TV. Or I may try out the Atchison radio club and see how they operate. I may just go solo or with a couple of other operators on a hill somewhere. In any case, my presence at the PKARC Field Day event next year if there is one is probably doubtful at this point.

The club as a whole is failing in the intent of Field Day and the outlook for future Field Day events is not looking good if the PKARC continues on its current trend. It takes more than three hams out of a club the size of the PKARC to make a Field Day event really successful. Are you the type of ham that only wants to help out in bicycle races during the daytime hours and the occasional severe weather callout or are you willing to make the effort to learn and experience more aspects of the ham radio hobby?

It's up to you.

Gary A. – WB0MNA

Minutes of PKARC Club Meeting

2 July 2009

1. The secretary called the meeting to order due to the absence of all other officers. The meeting was held outside, in the parking lot, in the shade. There were 11 members in attendance. Mac McConnell WØROO and Doug Thomas KC5VKG were Special Guest. We have not seen them in awhile, and good to have both at this meeting. A BIG THANKS to Kevin Schavee NØCWR for providing the chairs for this meeting.
2. The minutes of the June meeting were accepted. With no treasury report given.
3. Ric Nelson, KA3LOC reported that Field Day was as much of a success as it could be with the bands being in poor condition. There were 33 phone, 9 CW and 47 PSK-31 contacts. The deputy mayor came by and the ARRL Field Day message was received off-site. Mac McConnell, WØROO asked if a filter would have helped the situation with the hams in attendance being able to "hear" each other. Ric said that it could have helped, but with only 2 bands open it wouldn't have improved matters much. Ric said that there was a correspondence with Duane Hies who has an Amateur Radio Catalog Company and several new hams came by to try out other radios. Alan Thagard, KCØMCE used his new radio and was helped in setting it up from the other hams in attendance. President Rich Waeltermann, NØXCM made contacts as a new extra.
4. This is just a short synopsis of the program given by Alan Thagard, KCØMCE about radio controlled airplanes. Alan brought 2 radio controlled planes for us to look at: a battery powered one and one that ran on a gas engine. The planes can reach 30 to 35 mph. The weight of the batteries was a big break through in radio controlled flyers. The older Nicad batteries (270 milliamps) are "heavier" than the newer lithium batteries (1320 milliamps). A license is required and the transmitter has to be less than 500 milliwatts. There is a little section notched out in the 50 megahertz band for radio controlled items. The transmit frequency can be changed on the transmitter and you can go from airplane to car or to other radio controlled gadgets. The plane has to remain in your line of sight. There is a dark stripe where the antenna is so that you can see it. The transmitter doesn't have to ID as long as your name, call sign and address are on the side of it (literally Alan had a sticker on the side of his with all the information typed on it). Older transmitters were single stick, with newer ones being double stick. The gas powered planes have a glow plug. Some radio controlled planes even have a gyro in them that will orient itself to the earth if you get into trouble, all you have to do is take your hands off of the stick. In the 1970's some military bases would practice shooting at moving objects using radio controlled planes. Thank you Alan for the excellent presentation.

Submitted

Shawn M. Holloway, KCØLPS

Secretary



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.

Aug 1, 0000Z - Aug 1, 2359Z

1.8-28 50,144 Lighthouse-Lightship Week **X X X** Serial or ARLHS mbr/light nr, name, S/P/C ialhp.org Aug 31

Aug 1, 0001Z - Aug 9, 2359Z For updates and additional contests, see the Contest Corral Web page at www.arri.org/contests.

See Web site.

28 10-10 Summer Phone QSO Party **X** Call, name, 10-10 number, S/P/C www.ten-ten.org Aug 17

Aug 1, 0001Z - Aug 2, 2359Z

1.8-28 European HF Championship **X X** RS(T), last two digits of 1st year licensed lea.hamradio.si/~scc/euhfc.html Aug 31

Aug 1, 1200Z - Aug 1, 2359Z

222+ ARRL UHF Contest X X X Grid square arri.org/contest **Sep 6**

Aug 1, 1800Z - Aug 2, 1800Z

1.8-28 North American QSO Party X Name and state ncjweb.com **14 days**

Aug 1, 1800Z - Aug 2, 0600Z

3.5-14 SARL HF DX Contest **X** RS and serial www.sarl.org.za 15 days

Aug 2, 1300Z - Aug 3, 1630Z

3.5-28 Worked All Europe **X** RST and serial (see Web for QTC rules) www.waedc.de 15 days

Aug 8, 0000Z - Aug 9, 2359Z

1.8-28 50-440 Maryland-DC QSO Party **X X X** Maryland County/City or S/P/C www.w3cwc.org Sep 14

Aug 8, 1600Z - Aug 9 2359Z See Web site.

10G+ ARRL 10 GHz and Up Contest X X X 6-character grid locator arri.org/contest **Oct 14**

Aug 15, 6 AM - Aug 16, 12 AM

3.5-28 SARTG WW RTTY Contest **X** RST and serial www.sartg.com Oct 7

Aug 15, 0000Z - Aug 16 1600Z

1.8-28 Russian District Award Contest **X X** RS(T), serial or Russian district rdaward.org/rdac1.htm 30 days

Aug 15, 0800Z - Aug 16, 0800Z

1.8-28 50 Keymen's Club of Japan Contest **X** RST and JA pref/dist or continent www.jarl.com/kcj Sep 20

Aug 15, 1200Z - Aug 16, 1200Z

1.8-28 Silent Key Memorial Sprint **X** RST, S/P/C, QRP ARCI mbr nr or pwr qrparci.org Sep 15

GARAGE SALE ITEMS

On August 1st, from 8am to noon, my folks and I will be having a garage sale at 415 North 13th, here in Leavenworth (one block north of the Aquatic Center at Wollman Park). Among the various, "typical" household items for sale, I will be putting out old, back issues of the ARRL's *QST* magazine. I have literally HUNDREDS of issues, dating in some cases from the late 1930's up to 2008. Also, I have full years from the 1960's in binders (I believe I have the entire decade, and will not separate issues from the binders), which seem to be in pretty good condition. Some range from very good, to missing covers, to having possible water damage - all in those conditions prior to my obtaining them. Feel free to come by and take a look, and take as many as you'd like. Also, a few issues of other communication magazines (*Popular Communications, CQ, CQ VHF, etc*) will also be available. I'm not leaving the service/hobby, just need the space. I will admit, going through them to see what I had was a real "history lesson" in amateur radio. Especially seeing when KENWOOD first started dominating the back cover page...hihi

Doug - KC5VKG

From N0MIJ

Recent announcement: There is a full time linked repeater on 442.925, with a PL Tone of 107.2 linked to St Joseph and Marceline MO.

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. The next testing date for 2009 is scheduled for 24 April.

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. **See page 6 for 2009 Testing dates.**

TRIVIA

How many call sign regions meet at the four corners of Utah, Colorado, New Mexico, and Arizona?

1, 2, 3, or 4?

Find the answer on page 11.

News: Brian Short has received the ARRL Instructor of the Year award. Congratulations Brian! He provided the PKARC with an excellent class on APRS early this year.

Incidentally he is looking for some volunteers to assist on the Cider mill Run August 2nd. Send him a note if you can help

Calling All DX Chasers

MEXICO, 4C. Look for special event station 4C12SG to be active until July 27. Operations will take place from ''Sotano del Barro'', one of the deepest places in the world. Also, look for 4C12SG to be active on the satellites (Grid EL01), and if conditions permit, also on 6 meters. QSL via XE1RCQ.

CANARY ISLANDS, EA8. AO8GTC will be active with four stations using CW, SSB and digital modes on July 25 and 26 to celebrate the commissioning of the largest optical telescope at the ''Roque de los Muchachos'' observatory on La Palma (AF-004). QSL via EA8RCP.

TAIWAN, BX5. Jimmy, BX5AA, will be active from AS-020 during the RSGB IOTA Contest as a Single-Op/All-Band/High-Power entry. QSL via BX5AA.

ANDORRA, C3. Vini, IK2CIO, will be active as C31/IK2CIO between August 6 and 12. Activity will be holiday style on 160 through 6 meters using CW and SSB. QSL to IK2CIO, via the Bureau or direct.

CUBA, CO8. Raul, CO8ZZ, will be active during the RSGB IOTA Contest from NA-015, in the CW only category. QSL via DK1WI.

SPECIAL EVENTS

Need that one last location to finish off an award? Or just looking for new wall paper for your shack? Fulfill both needs by contacting these Special Event stations during the month.

Aug 1, 1300Z-2100Z, Red Wing, MN. Hiawatha Valley Amateur Radio Club, W0R. Red Wing River City Days Celebration. 147.300 21.300 14.250 7.200. QSL. Bill Eichenlaub, 1966 Launa Ave, Red Wing, MN 55066. *From Bay Point Park, to demonstrate and promote amateur Radio.*

Aug 1-Aug 2, 2359Z-2359Z, Boscobel, WI. Pine Valley Repeater Amateur Radio Club, W9PVR. Muskets & Memories Civil War Reenactment. 14.320 7.055 14.070 3.850. QSL. Ralph Gray, W9RIG, 906 Justin Cir, Reedsburg, WI 53959. *Largest Civil War Reenactment in the Midwest.* www.musketsandmemories.net/ or

Aug 7-Aug 9, 1400Z-2200Z, Twinsburg, OH. Triangle Amateur Radio Club, K8T. Twins Days Festival. 14.255 7.180. QSL. Rich Feldman, PO Box 30, East Liverpool, OH 43920. www.twinsday.org or

Aug 7-Aug 9, 1900Z-1900Z, Leland, MI. Michigan DX Association, W8DXI. North Manitou Island Activation. 18.150 14.250 14.230 7.250. QSL. David M. Smith, KC8PCL, 1652 Rossman SE, Grand Rapids, MI 49507.

Aug 12-Aug 16, 1300Z-2100Z, Sycamore, IL. Kishwaukee Amateur Radio Club, W9S. Northern Illinois Steam Power Show and Threshing Bee. 14.268 7.268 7.042 3.988. Certificate. Bob Yurs, W9ICU, 1107 Commercial St, Sycamore, IL 60178.

Aug 13-Aug 17, 0000Z-0000Z, Denver, NY. Sponsored by KC8SKK, N2Y. 40th Anniversary of 1969 Woodstock Music Festival. 1.865 MHz thru 70 cm. QSL. Brian S. Floutz, 6140 SHuron River Dr, South Rockwood, MI 48179-9509.

Aug 16-Aug 19, 1700Z-2300Z, Las Vegas, NV. APCO International, K4AI. 75th Annual APCO Conference & Exposition. 146.580 14.310 7.280 3.860. Certificate. K4AI Special Event Station, c/o Conference & Meeting Services APCO HQ, 351 N

Aug 22-Aug 23, 1500Z-2000Z, Harrison Township, MI. Metro Detroit SATERN, N8SE. Selfridge Air National Guard Base Annual Air Show. 147.200 146.565 14.265 7.265. Certificate. Ann-Marie Ruder, K8AMR, 15708 Bringard Dr, Detroit, MI

Aug 28-Aug 30, 1200Z-0400Z, Titusville, PA. Fort Venango Mike and Key Club, W3ZIC. Sesquicentennial of Oil Production. 160 80 40 20 m CW and SSB. QSL. Fort Venango Mike and Key Club, PO Box 99, Cranberry, PA 16319.

Aug 29, 1200Z-2000Z, Manassas, VA. Ole Virginia Hams, W4OVH. Second Battle of Manassas (Bull Run). 146.970 14.225

Aug 30, 1400Z-2100Z, Hanover, KS. Crown Amateur Radio Association, K0ASA. Hollenberg Pony Express Station Festival. 14.240 14.040 7.040 3.540. Certificate. Crown Amateur Radio Association, 11551 West 176th Terr, Olathe, KS 66062.

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 KCOVERN):

<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 it's 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
 Leavenworth, KS 66048
www.pkarc.net

Answer to trivia question on page 9:

3

