Hi gang, Be sure to read the text under this for it is time sensitive. Have some fun making lower power contacts with fellow hams on HF QRP.

Not far below Tom has sent me a UK web site on who invented the first computer. This is very interesting and think everyone should read it.

John, KC0IVP, suffered a stroke and was taken to Wesley, Wichita hospital, last week. I just talked to his wife, he is paralyzed on right side, and they are trying to get him into rehab as soon as get him stablized. We please ask all to keep John in their thoughts/prayers.

Rod K0EQH NCS

♦ Orlan: Thanks for including the information about Freeze Your Keys in the January KAR. This is a reminder that the Kickapoo QRP Amateur Radio Club will be operating its QRP special event station for the fourth year from Weston Bend State Park. We will have both CW and SSB on 20M and 40M; higher bands if conditions permit.

Freeze Your Keys special event
Club call - W0EBB
Saturday, February 9, 2008
8:00 am - 4:00 pm CST
Weston Bend State Park, MO
QSL cards are available. See the February QST or the ARRL web site for QSL info.
Visitors are welcome. Come in the main entrance, continue down the main road to the four-way stop, and look to your right. You should see us at the picnic shelter. Talk-in is on 145.330-.

73, Mike K0MDS

♦ Orlan: Reading your lament on undeliverable e-mail, may I suggest that you could request help from a ham nearby the one whose e-mail bounces. As you said it could be that someone is not well, or in some other predicament. So if there is any one near me let me know and I will try to see if any help is needed.

Cul
73

Herm w0or Hi Herm, yep I have been doing that. TNX OM..!

♦ Orlan, Here's ONE of the receivers I used on SKN. If anybody out there has a BC-348, here are manual sections for your use - it's a UK site.
http://www.vmarsmanuals.co.uk/bc348/bc348index.htm

Tom W0EAJ I used one of those from 1955 to 65.

♦ Motorola Modifications
Orlan, Even though he was not a ham, sadly another part of our co-founder's legacy becomes part of history reported in this story. I do remember he gave a good account at our club meeting years ago. [http://www.arrl.org/?artid=7955](http://www.arrl.org/?artid=7955)

Hope you are staying warm.

73, Chuck KØBOG

Subject: Fwd: W0DXCC!
http://www.rarchams.org/W0DXCC%20Newsletter%2001-08.pdf
Aug 9-10 in Rochester MN
www.rarchams.org

Just found out from K0QB at board meeting.

Bruce This info was passed to me by Gary WØTM

The FIRST digital computer - used to break ENIGMA codes during WW-II. I've seen the reproduction version at Bletchley Park, Buckinghamshire UK.... working. You'll note that a device called the "bombe" (bom-bah), was provided by the Polish, who had figured out a fair portion of how to determine the cipher key. The COLOSSUS occupies an entire room, and can be viewed through glass - in action!

[ it was built entirely from scratch, using only a few partial schematics and documents. The original had been destroyed. The required "valves" - vacuum tubes to us - were solicited from all over England, and were obtained from discarded radio gear and left-over stock that people had in their attics, and decided to donate ]
http://www.codesandciphers.org.uk/lorenz/colossus.htm
If you're a computer person - you NEED to check this one out.

Tom - WØEAJ

Subject: Nice lillle code practice prgm......

Orlan - Found this small prgm interesting. It's in the public domain and can be freely distributed. Carl aka CW aka IMOFF

Carl W Arndt - KAØTQV [Click the attachment to this newsletter for the program.]

Read down through the article, until you come to the article on the "folding-wing" aircraft, built in Topeka. Quite amazing, indeed.

http://www.ausbcomp.com/~bbott/WINRR/winair/waearly.htm

Printable Ks ARES map. [CLICK>>>](http://www.cenkares.org/)

[ Kansas Section News Click >>> ](http://www.arrl.org/sections/?sect=KS)

Keep up with the world of ham radio, CLICK >>>> [http://www.arrl.org/](http://www.arrl.org/)

73, Orlan w0oyh UR KAR ed and ARRL Ks Ast. Section Mgr. & KAR ed

ARRL KS SECTION MANAGER - Ron KBØDTI
For more from Ron and lots of new photos.

CLICK >>> [http://www.arrl.org/sections/?sect=KS](http://www.arrl.org/sections/?sect=KS)

Ron also makes him self available to the Kansas hams on the Kansas HF nets. You will even find him as the Net Control Station on the Weather Net at 6 PM on 3920 kHz several times a month. He is available to all on the Kansas Sideband Net daily at 5:30 PM on 3920 kHz. You will also find him on QKS the ARRL Ks CW net at 7 & 10 PM daily on 3547 kHz. All of our SMs in the past have made them selves available to Ks hams this way on all three nets. At one time it was the only way to send our monthly reports to the SM. 73, ed Ron KBØDTI
ARRL KS SECTION MANAGER

ARRL KS SECTION EMERGENCY COORDINATOR - Bob K0BXF

There appears to be several changes in a number of the zones about to take place. Be sure you watch them as reported in the near future. Many thanks to recent EC for Zone 3A and 3D activity in the past and if any one would like to jump in and try your hand art an EC spot, contact me ASAP.
Perhaps it won't be long before the band conditions change back for the better and we will be able to communicate better on the HF frequencies.
Check your equipment and antenna in preperation for the upcoming storm season. Monitor 3920 a little more.
Join WD0DMV on 3940 for RACES activity the first Thursday of each month at 7PM.
Think about cleaning off that CW key for a bit of good communicating ever now and then,
To: All Kansas EC

KANSAS is great in 2008. A slogan we should be proud use. A year end (2007) report is requested from each EC, reference past activity within your respective Zone. NO EXCEPTIONS. Status report giving information such as total number members registered, name of each known Amateur Radio club in existence per zone with a contact person mentioned. List of your assistants and their respective assignments for 2008. Your willingness to continue in the position you now hold and if that willingness is not there, Who might we contact to see that the ARES program does continue in the Zone. If your group has made commitments to any organization, be sure to let us know so as to save time, should we receive a request to provide an additional quantity of communication effort in another direction. It would be great if more than 50 percent of our ham population were signed up as a willing participant in the ARES program. Sure we recognize that a few will be going a step further and committing directly to other organizations such as Red Cross, Salvation Army, Emergency Management groups and possibly others. This usually keeps them from doing other communication effort should the real need be there. It is hard to drop a commitment if made to any organization even if they are not using your talent as a communicator at that moment and if that commitment is known, others will not be wasting time and effort in trying to reach those individuals should a request for assistance does arise. In other words, every ham is a potential ARES member. Your job is to convince them.

Printable Ks ARES map. CLICK>>> http://www.cenkares.org/

73, Bob Summers K0BXF ARRL Ks Section Emergency Coordinator

Bob can be found on the 3920 kHz Kansas nets at 5:30 PM.

ARRL K S A S T . S E C T I O N M A N A G E R " Y o u t h " - E m i l y K C O P T L

kc0ptl@arrl.net

KANSAS STATE RACES OFFICER - Joseph WDØDMV
73 Joseph WDØDMV
State RACES Officer Proud to be a Ham
wd0dmv@arrl.net
The RACES Net meets the first Thursday of each month at
7:00 pm on 3940 kHz
Joseph can be found on 3920 kHz at 5:30 PM and
following as the Net Control Station on Wed evenings.

SALVATION ARMY TEAM EMERGENCY RADIO NETWORK
[ S. A. T. E. R. N. ]

As announced last month our Kansas and Western Missouri [MO-KAN] Division SATERN group
now has our own callsign: KSØSA. We will be using this during our weekly nets from the
Emergency Disaster Services [EDS] radio room in Kansas City, MO. We have trained operators
who will be operating that station on a regular basis. During a disaster we will be using this
callsign at our Emergency Operation Command Center.
Listen for our new call from our EDS Headquarters! Also new is my SATERN Assistant Division
Coordinator - Joe Krout W0PWJ who has stepped in to this position. Joe is an extremely qualified and talented member and has been instrumental in many SATERN activities in the past few years. He has been the Wyandotte County Coordinator for SATERN and has helped in building our radio room at EDS Headquarters in Kansas City, MO. Joe was our Coordinator-In-Charge for 10 days during the Greensburg operation this past year, giving him some great experience to help us improve our operation.

He brings to our group lots of talent and great ideas and will be a great asset as my assistant. Rich Britain NOENO has done a fantastic job this past year and provided unparalleled support to me during Greensburg emergency operation. His new job, however, has made a huge demand on his time, so he felt he had to step down. Thanks to Rich for all he contributed to our group this past year. Last month I mentioned we are putting together rapid response teams for SATERN operation: SATERN Activation Team [SAT]. These will consist of 2 pre-assigned operators working as a team. Our vision is to have a minimum of one team within each of the six ARES Districts. Each team would be deployed within their own district. Our primary purpose of having a rapid response team is to deploy them immediately in to a disaster area and assess the situation, reporting it to the SATERN leaders. For one of the team members it would be mandatory to have a mobile HF station capable of setting up in a self-sustained base location. The other team member would be available for roaming and assessing the damaged area with a mobile VHF/UHF and relay to the HF operator.

Approved team members will be given a division Salvation Army photo I.D. for clearance into areas needed. Due to the protocols and restrictions of a disaster area, these teams must have knowledge and the ability to solve problems on site and the initiative to overcome obstacles that are unknown. Trouble shooting for proper equipment operation is another important talent needed. Training and past experience is extremely important for this type of assignment so we are looking for those who have taken the challenge of training to work in a disaster operations -- ARRL EmComm courses 1, 2 & 3 and FEMA Incident Command System classes 100 & 700. This training gives each team member the "big picture" of a disaster and how to relate to other responders. Since teams are there to assimilate information, this training will teach them where and who can supply the information we need. Team members must also be able to be self-sufficient for at least the first 48 hours on site until agencies can initiate their operation.

Since we have a "specialized operation" in only supporting The Salvation Army, we have tweaked the ARES Mat guidelines to fit our needs. However, the information gathered by the teams would be relayed to all ARRL leaders and other agencies who are in the Kansas Volunteer Organizations Active in Disasters [KSVOAD]. For more information on KSVOAD, see their website: www.ksvoad.org/. The information these teams provide, will affect more than anything else, the ability of these agencies to make a more timely response and arrive with what is needed within the first 48 hours, plus an advantage in their planning for further response.

If you are a ham operator who has the equipment, experience and the training... PLUS the desire to be a part of such a unique team -- CALL ME!

If you really want to serve during a disaster -- SATERN is where you need to be!

If you have portable APRS equipment -- we need YOU!

If you have any questions, contact me.

June Jeffers KB0WEQ
KS ARRL DEC - Liaison to The Salvation Army
KS & Western MO Division S.A.T.E.R.N. Coordinator TU June, Fine job UR doing with SATERN.!!!
Gardner, KS 66030 [Johnson County]
Home: 913-856-8674
Email reply: KSSATERN@kc.rr.com
WEBSITE: http://home.kc.rr.com/saternkansas

QKS - THE ARRL KS CW TFC NET OF THE NTS:
Net operated daily at 7 and 10 pm on 3547 kHz. 7 pm is the out going tfc into the NTS system and incoming at 10 pm. You are welcome to check in with or without tfc. Our manager is James, NB0Z I am the NCS on M, F & S at 10:00 PM

GREAT WEB SITES:
<http://www.angelfire.com/weird2/jerome/pub/kc.txt>
http://uk.youtube.com/watch?v=vBGIdf0vJQ4
http://www.kptv.com/weatheralert/14776224/detail.html

SILENT KEYS:
I have not been receiving any "Silent Key" notices from our Kansas hams.
I am glad the Ks hams are notifying our SM so he can notify ARRL and get them in the QST. Ron also posts them on the "ARRL Ks Section News" page.
CLICK>>> http://www.arrl.org/sections/?sect=KS and you are there.

Hi Orlan
I didn’t know if anyone sent this in or not on Keith Davidson K0ODA of Larned. I didn’t know him and don’t know his amateur history, the obituary doesn’t mention anything about it. If he was active it was on HF or something.

Keith E. Davidson
LARNED - Keith E. Davidson, 75, died Feb. 3, 2008, at Central Kansas Medical Center, Great Bend. He was born Sept. 18, 1932, at Shields, Kansas, the son of Marvin G. and Alice Hatler Davidson. A resident of Larned since 1968, moving from Utica, he was a heavy equipment operator. He was a member of the First United Methodist Church, lifetime member of the VFW and American Legion, all of Larned.
On August 28, 1955, he married Ardith Ann Dumler at Utica. She survives. Other survivors include: a son, Brock, Pratt; three daughters, Crystal Schmidt, Pawnee Rock, Julie Scott, Pratt, Melinda Hammond, Newton; a brother, Marvin Meril Davidson, Joplin, Mo.; and seven grandchildren. Memorial service will be at 10:30 a.m. Thursday at the First United Methodist Church, Larned, with Rev. Bill Fitzgerrel presiding. Friends may call from 9 a.m. to 8 p.m. today and Wednesday at Beckwith Mortuary Chapel, Larned. Cremation has taken place. Burial will be in the Larned Cemetery with military honors.

Doyle Mayse - KB0QLG - Larned KS

FROM AROUND THE STATE:
The January issue of QSP is now on the CKARC Web Site for download/viewing as a pdf file. Those that get their copy via the US Postal Service, it was mailed Saturday morning.
The February Grounded Grid is now available on-line at

Kent Stutzman, KB0RWI
Grounded Grid Editor
Wichita Amateur Radio Club
grid@warc1.org
http://warc1.org/

~~~~~~~~~~~~~~~~~~~KANSAS ARRL NTS NETS ~~~~~~~~~~~~~~~~~~~~~

<table>
<thead>
<tr>
<th>NET NAME</th>
<th>MGR.</th>
<th>DAY</th>
<th>TIME.</th>
<th>Freq.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KS Sideband Net--------</td>
<td>N0KFS</td>
<td>Dy.</td>
<td>6:30 PM*</td>
<td>3920 kHz</td>
</tr>
<tr>
<td>KS Phone Net------------</td>
<td>N0KFS</td>
<td>MWF</td>
<td>6:45 AM</td>
<td>3920 kHz</td>
</tr>
<tr>
<td>KS Phone Net------------</td>
<td>N0KFS</td>
<td>S,S</td>
<td>8:00 AM</td>
<td>3920 kHz</td>
</tr>
<tr>
<td>KS AM Weather Net-------</td>
<td>WBOYWZ</td>
<td>Dy</td>
<td>7:00 AM</td>
<td>3920 kHz</td>
</tr>
<tr>
<td>KS Weather Net----------</td>
<td>WBOYWZ</td>
<td>Dy</td>
<td>6:00 PM#</td>
<td>3920 kHz</td>
</tr>
<tr>
<td>Central States Tfc Net--</td>
<td>N0BFB</td>
<td>M-F</td>
<td>12:30 PM</td>
<td>7253 kHz</td>
</tr>
<tr>
<td>QKS CW NTS Tfc Net-----</td>
<td>NBOZ</td>
<td>Dy</td>
<td>7:00 PM</td>
<td>3547 kHz</td>
</tr>
<tr>
<td>QKS CW NTS Tfc Net-----</td>
<td>NBOZ</td>
<td>Dy</td>
<td>10:00 PM</td>
<td>3547 kHz</td>
</tr>
<tr>
<td>QKS-SS Slow Speed Net--</td>
<td>KB0DTI</td>
<td>M-F</td>
<td>7:32 PM</td>
<td>3547 kHz</td>
</tr>
<tr>
<td>RACES net---------------</td>
<td>WD0DMV</td>
<td>1st</td>
<td>Thur 7:00 PM</td>
<td>3940 kHz</td>
</tr>
</tbody>
</table>

* 5:30 until propagation improves. # immediately after the Sideband net

KANSAS STATE ARRL CONVENTION:
AUGUST 17 2008
MAP >>> http://www.centrlksarc.com/prnt.php_files/mapimage.png
Central Kansas ARC >>> http://www.centrlksarc.com

Ensor Museum

If you can visit the Ensor Park and Museum, just 5 minutes South of central Olathe but haven't, do it now and see a most interesting and original flashback to the mid-1900's. Our motto "SEE IT TO BELIEVE IT" is true. A site map, Ensor GPS coordinates, and much more can be seen on the website at www.w9bsp-w9ua.org

Larry Woodworth WØHXS
Ensor Park and Museum Manager
Past Pres. - MEMO

HA - HA - HA - HA - HA - HA

"What am I suppose to do with this?" grumbled a motorist as the policeman handed him a speeding ticket.
"Keep it," the cop said. "When you collect four of them, you get a bicycle."

=============================
<snipped> from the Jo Co RAC Feedback.
HAMFEST SELLER
(Ed. note: Thanks to John Raydo, KØIZ for the following.)
Hamfest seller “speak”, or what is said, and what is meant:

♦ This rig puts out a BIG signal - It's 50 kHz wide.
♦ This is a really good CW rig - It doesn't work on SSB.
♦ This is a really good SSB rig - It doesn't work on CW.
♦ This is a really good rig - It doesn't work on CW or SSB.
♦ The transmitter is outstanding - It doesn't receive.
♦ The receiver is really hot - It doesn't transmit.
♦ This rig is really hot - It's stolen.
♦ It seems to be a vintage regenerative type - It oscillates.
♦ I just re-tubed it - Got 'em from questionable used tube stock.
♦ I just aligned it - The slugs on the transformers are jammed.
♦ I don't know if it works - It doesn't work, probably never has.
♦ It doesn't chirp - It doesn't chirp because it doesn't transmit.
♦ The audio sounds great - The 100 /120Hz buzz is faithfully reproduced.
♦ I just had it serviced - I sprayed WD-40 over all the wiring.
♦ It comes with the original box - Just brush out the kitty litter.
♦ Better buy it now, cause it won't last - No translation needed here.
♦ Sure, it works at full power - It sucks all it can from the wall outlet.
♦ This rig has wide frequency coverage - It drifts up and down and out of band.
♦ Frequency stability is great - The VFO doesn't work - you'll have to use crystals.
♦ Real popular rig in its day - There were whole HF nets on the repair and maintenance problems.
♦ QST gave this one a really great review - The language broke new ground for profanity.
♦ It might need a bit of tweaking - Marconi himself couldn't fix it, much less align it.
♦ It was used in government service - It was stored outdoors on a wooden pallet.
♦ The dial drive may need lubricating - The gears are stripped and the setscrew's frozen.
♦ I plugged it in to check that it lights up - The light came from the two foot high flames.
♦ I'm selling it because I have two of them - I'm getting rid of my parts radio.
♦ You won't find one at a 'better' price - 'Better' defined as solely from the point of view of the seller.
♦ This is a collector's item - The manufacturer just went belly up and won't honor the warranty.
More next month - ed
LETTERS TO THE EDITOR:

Orlan, It was good to start the year off right by reading your latest KAR! Lots of good information. I could relate to much of Tom’s story regarding crystal sets and getting started in listening to radio. Speaking of SKN, we did participate a bit again with modern gear, however I used the old favorite straight key from my Novice days and then compared it to another simple hand key we picked up at a hamfest earlier. It’s amazing how much one notices a slight difference in key heights after a bit of sending. The following weekend, Steve Ewald and myself, along with a local club member put W1AW on the air for the RTTY Roundup. That was our first go at a RTTY event, we had fun 73 and take care, Chuck, KØBOG Always good to hear from you Chuck. Glad UR there for us hams.......... Orlan

HI ORLAN,
Please add me to the KAR list. June Jeffers sent me!
Thanks & 73,
Dick Anderson
W9YBH@ARRL.NET Hi Dick, Glad to have a SATERN member in LISLE, IL on our mailing.

Late fifties BBC television comedy about a radio ham.

Part 1:
http://www.youtube.com/watch?v=3Tut1StIvjo

Part 2:
http://www.youtube.com/watch?v=fbzjRgcxiK8&feature=related

Part 3:
http://www.youtube.com/watch?v=zoLabvJi1H4&NR=1

Tony Hancock was a famous British actor. A lot of information about him here:
http://en.wikipedia.org/wiki/Tony_Hancock

George K0GY TU George, I know everyone will enjoy these.

This email is to inform you that the December 2007 "Grounded Grid" is available on-line.

Use this link: http://www.warc1.org/
then using the menu on the left side of the page, click on the word "Grid". Select the month of January 2008.

Or, to skip the web site and go directly to the "Grounded Grid" directly, use this link:

There is no January General Meeting. The 75th Annual Banquet for Officers installation is January 12, 2008 at 6:00p.m. and the Kansas Masonic Home, Maple and Seneca in the Banquet Hall.

Season's Greetings and Safe and Happy Holidays to all;
Kent Stutzman, KB0RWI
Some interesting stuff - you might review to make sure it doesn't constitute a "commercial venture", before putting it on KAR. After all, this guy WANTS to make money from the stuff.


Not sure where he gets the stuff, but anybody with that many HRO-50's is a glutton.

TC

This link recently appeared on the Hallicrafters Reflector. It might be useful for those who need information on TRIAD transformers, as used in many, many older receivers and transmitters.

www.triadtransformers.com

It contains 60 YEARS of their catalogs. They are PDFs, so downloading MAY be onerous for those non-fast connections that many suffer with. Enjoy.

Tom

http://www.weather.nps.navy.mil/~psguest/EMEO_online/module3/

Orlan, Here's a site for military radios in the UK. It features numerous models, not often seen in the USA, and links to schematics, parts lists, & manuals.

http://www.shopingathome.com/Military_Wireless.htm

I'm not using this Hewlett-Packard 606A Signal Generator much these days - anybody interested in it? 50 kHz - 60 mHz Calibrated Output w/step attenuator (metered) CW or AM - variable modulation (metered) Modulated by: internal 400 Hz / 1000 Hz or external input -or- pulse
Crystal Calibrator w/2 output steps
Very Close calibration - hey, it's analog
Very stable after warmup
This one can be rack-mounted OR set upon the bench.
...and here's what it looks like, inside ( both are animations )
http://www.hpmemory.org/pict/wall_a/anim/606b_q90/viewer.htm
http://www.hpmemory.org/pict/wall_a/anim/606v_q90/viewer.htm

Orlan,
I sent this out some time back, but thought folks might like it again. These cordless phone freqs are current, but very few 46/49 mHz units are still in use these days. One might also note that the origin of the "FRS" (Family Radio Service) channels were created from seven "GMRS" repeater frequencies, which were simply separated - that's why they're 5 mHz apart. The 262 kHz IF frequency listed was used extensively for automobile radios, and was the VERY EARLY "tower frequency", used by many airports, before the advent of the 118.000 - 135.975 mHz band [ 108.0 - 117.9 mHz is the aircraft NAVAIDS band ].

Itinerant Frequencies: Weather Frequencies:
151.625 RED dot common 162.400
151.955 VIOLET dot 162.425
154.570 BLUE dot 162.450
154.600 GREEN dot common 162.475
462.575 WHITE dot 162.500
462.625 BLACK dot 162.525
462.675 ORANGE dot 162.550
464.500 BROWN dot common
464.550 YELLOW dot

Family Radio Service (FRS) GPS Downlink
1 462.5625 8 467.5625 1575.42 mHz
2 462.5875 9 467.5875 ¼ wave 1.782”
3 462.6125 10 467.6125
4 462.6375 11 467.6375 I.F. Strips
5 462.6625 12 467.6625
6 462.6875 13 467.6875 262 kHz AM Radios (early)
7 462.7125 14 467.7125 455 kHz AM Radios
10.7 mHz FM Radios

Cordless Telephone (46 + 49 mHz)
Note: Heathkit used numerous
Channel Base/Receiver Handset non-standard IF frequencies for
-----------------------------------------------------------------------
their transceivers – not listed.
1 46.610 49.670
2 46.630 49.845
3 46.670 49.860
4 46.710 49.770
5 46.730 49.875
6 46.770 49.830
7 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

Additional Cordless Telephone (Base/Receiver):
44.100 44.180 44.260 44.460
44.120 44.200 44.320
44.160 44.220 44.360
Note: Typically, the “base/receiver” is the strongest signal
and usually, the only one that carries both sides of
the conversation. The 3 mHz separation enables full
duplex operation of the devices. Modulation is F3 (FM)
Earlier cordless telephones used an output frequency
of 1.7 - 2.1 mHz +/-, with the handset on 46 or 49 mHz.
New phones are on 900 mHz or 900 mHz spread-spectrum,
with newer models on 2.4 gHz, also with spread-spectrum.

**TU Tom, I appreciate UR key strokes. Orlan**

~~~~~~ "KAR" Kansas Amateur Radio - Serving our communities via Amateur Radio
~~~~~~