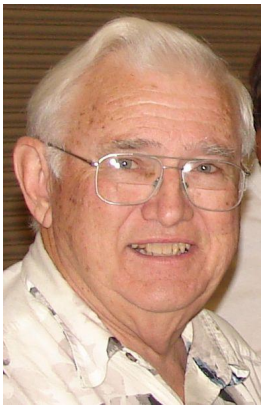
"KAR" Kansas Amateur Radio "KAR"

June 2009 issue



Hi Gang, The nominations for the 2009 Kansas Amateur Radio Op of the Year is closed. The next step is for the Kansas Nebraska Radio Club to send out copies of the nominations received to all the past recipients to cast their one vote and elect the next ham of the year. I mention this election procedure because last year there were some who thought the club did the electing.

There is a new "Kansas Young Ham of the Year" award. Emily KCPTL, ARRL Ks Youth Ast. Section Manager is taking nominations until June 30 so email yours to emilystewart@kc.rr.com See her column below under her photo on page 5.

Field day is this month on the 27th and 28th and you need to place your FD site on the ARRL FD locator site map at >> http://www.arrl.org/contests/announcements/fd/locator.php

Also "ARRL Field Day Tips and Techniques that Everyone Can Use" is found for your convenience at http://www.arrl.org/news/stories/2009/05/28/10840/?nc=1

◆ In the July QST, Phil Anderson WØXI, founder of Kantronics, now of "The Xtal Society", has a new product out. The "Ultra-RX1" is pictured on page 50 with full page documentation. The device allows you to hear those high frequency sounds that exist above the human ear. Ever wondered what the bats, dogs and other animals were hearing? Now you can listen in on their world.

If you are looking for a cheep 20 meter beam, check out page 38.

SET: July QST page 73 lower right reports that only **EC** Myron WØPBV of Geary Co reported his 2008 SET activity and page 74 reports that only NØKFS manager of the Kansas Sideband net reported any Kansas net activity. I ask, WHAT happened. I heard many hams say we are not participating in the NATIONAL SET; "we are going to do our own SET later." Looks like they forgot. Every sense the advent of repeaters, I have seen hams forget the **larger** national picture and the Kansas state picture and adopt a **smaller** picture of what ever coverage a repeater gives. You say you support ARRL but where are the report to show that? QST can not publish something they don't know about. Report your activities. Don't keep it a secret in the small footprint of a repeater. Let's see it in QST.

Where there is no vision, the people perish: Proverbs 29:18

◆Have you ever sent code by touching two wires together, I have and here is a more modern way to do that. French CW – clever, huh? http://www.youtube.com/watch?v=l8XJHXzchBg <snippet> from "LL"

◆Looking for a program the get your CW speed up? Check out this one >> http://www.rufzxp.net/

◆Kansas QSO Party is scheduled for August 29-30. The sponsoring clubs put together a great website: http://www.ksqsoparty.org

◆ Here is a ham radio video from "The Sedalia Democrat" in Sedalia, Mo and it is well worth your time to see. <Snippet> "LL"

http://www.sedaliademocrat.com/video/index.php?bcpid=1155270018&bclid=1155224715&bctid=24827503001

☐**The KAR newsletter** and back issues can be down loaded from >>> http://ksarrl.org
Please visit http://www.cenkares.org/ for other Kansas ham radio info.

☐Kansas Section News Click >>> **http://www.arrl.org/sections/?sect=KS**

☐Keep up with the world of ham radio, CLICK >>>> **http://www.arrl.org/**

73, Orlan wØoyh UR KAR ed and ARRL Ks Ast. Section Mgr. w0oyh@arrl.net

ARRL MIDWEST DIRECTOR - Br

Field Day is coming up shortly. It falls around wheat harvest time in Colby but we usually manage to have fun with it. Thirteen KS groups have registered their site on the Field Day locator at
http://www.arrl.org/contests/announcements/fd/locator.php
We actually had an I-70 ham visitor and family stop by last year, due to our being listed. In its second year, this tool based on Google Maps is popular.

The ARRL summer board meeting is July 17-18. We plan to update our Strategic Plan on the Saturday. I always want to know of ideas or concerns you have, and prior to those meetings is a good time for you to get in touch.

Our Kansas state convention will be in Salina August 16. The CKARC guys put on good forums and eyeball QSOs come fast and furious.

Thanks to Vice Director Cliff Ahrens K0CA who guards the division's eastern border at Hannibal MO. A special mention of our Midwest Division advisory committee members: DX AC member Bill Morgan K0DEQ Rolla MO, Contest AC member Jim Cochran K0RH Valley Center KS, and VHF/UHF Contest AC member Mike King KM0T Sioux Center IA. These committees use their reps. to get division-wide opinion on questions before them, and disseminate information through them.

The DXAC is just starting a study regarding possible expansion of RTTY/Digital DXCC. CAC is wrapping up a study about possible tweaks to the 160 Meter contest, and VUAC completed detailed recommendations on VHF contesting and the EME (earth-moon-earth) contest. These specialty areas are where alot of on-air activity and innovation take place, and being able to collect viewpoints from the various divisions is important to ARRL. Since I chair the committee these groups report to I know firsthand of the work they put in to enhance our enjoyment of amateur radio. Thank you Bill, Jim and Mike.

Have fun in the VHF Contest next weekend and Field Day, and plan to be at the Bicentennial Center in Salina Sunday August 16.

Bruce K0BJ

ARRL KS SECTION MANAGER - Ron KBØDTI

Visit the "Ks Section News" page for more from Ron and lots of photos, CLICK >>> http://www.arrl.org/sections/?sect=KS

You will find Ron on the Ks Weather Net on 3920 kHz at 6:00 PM and on the Ks Sideband Net at 6:30 PM and on the QKS CW net at 7 & 10 PM on 3574 kHz.

ARRL KS SECTION EMERGENCY COORDINATOR - Bob KØBXF

ARES Activity Report, KANSAS (April)
June 1, 2009

No pay dirt found around ARES Zone 4F (Crawford and Cherokee counties). Or maybe I should say
that no one contacted me from that area after my request last month. I did expect at least one
report of activity from that area. 139 hams listed as being licensed, some one drop me a line.

Been to the web site to check on your ARES area yet?
http://www.cenkares.org/distks.html
If no one is listed for your county, perhaps you should contact either myself or Ron KB0DTI to volunteer.

Tornado Season is upon us and already we have been hit in a couple of areas that are without EC coordination. Someone PLEASE pick up the ball before the quarter is up.

April activity report showed 549 hams registered in the ARES program. 105 net sessions held with 890 QNI and 16 messages handled.

Army MARS had 487 on air hours of operation and 264 messages originated.

QCWA Chapter 110 listed 4 net session and 40 QNI. All are welcome to check in and voice your opinions and suggestions right along with the OLE TIMERS. Sat morn just before KPN 3920khz.

Oh yes, Have you noticed that the Hurricane season is getting back in swing, let us all be aware of the fact, disaster could happen at any second. Let us be prepared to show that Amateur Radio is ready and able to carry the load if requested.
73
Bob Summers K0BXF ARRL SEC KS

KANSAS STATE RACES OFFICER - Joseph WDØDMV

Hello Folks. Well half the year is about gone. Sure has passed fast here. Storm season is in full force. I hope all are prepared. I went down to the State communication room to check on the RACES radios. They are still there in the corner with a pile of material in front of them. I have not heard from Jason yet so I don't know if they have found a coax from an antenna to the radios yet. Field Day is coming up here in a couple of weeks. Please plan on doing something for Field Day, if nothing but check into an HF net like the Kansas Sideband Net on 3920 KHz AT 6:30 PM local time every evening.
I want to thank all those that did check into the RACES net this moth. Nice turn out, but we still don't have the majority of the counties yet represented. We need you to check in and represent your county as having an active Ham operator. Again thanks to you all for your support for Kansas RACES.

The Kansas RACES Net meets every month on the first Thursday at 7:00 pm 3940 KHz

All stations are welcome.

Stations heard June 4th Net

Call	County
WØPBV	Riley
NYØT	McPherson
NUØB	Montgomery
KBØDTI	Linn
WDØCCW	Mitchell
KØBXF	Wyandotte
WA5FLV	Neosho
AAØOM	Phillips

```
KD7QOR        Leavenworth
WØSPC         Miami
WDØDMV        Shawnee      NC

11  Counties  11 QNI   Ø QTC
```

et meets every month on the first Thursday at 7:00 pm 3940 KHz
All stations are welcome.

73, Joseph WDØDMV - State RACES Officer wd0dmv@arrl.ner

ARRL KS YOUTH AST. SECTIOM MANAGER – EMILY KCØPTL

Whew. The month of May was very busy. I graduated from high school last month. I'm glad that's over with. In the fall, I'm heading off to become a Jayhawk.

One reminder and an update this month. The Kansas Section will select a Kansas Young Ham of the Year beginning in 2009. Because of ISP problems receiving forwarded email, the nomination deadline has been extended to June 30th. Please send your requests for nominating packets to emilystewart@kc.rr.com.

As a reminder, this will be an annual award presented to a ham, age 18 or younger, who has a record of public service, leadership, technical proficiency, and character involving amateur radio. The presentation will take place at the Section convention in August. This award is a way to provide much-deserved recognition to the many young hams who participate in Kansas amateur radio.

Don't forget that the upcoming KS QSO party has a youth category!

73,
Emily
KC0PTL

Congratulations on graduation Emily and wishing you the vy best in the J-Hawk land next year. I am a old "K-State-er" but I think it is called something else now. Orlan

◆The Phillips County ARC will be providing a **test** session during field day for all amateur radio license levels the session will be held at the Phillipsburg rodeo grounds, 1.5 mi. north of Phillipsburg on hwy 183, on June 27th, around 7pm. for more information, please contact: Eric Melton KD0ARW at 785-543-8945

AROUND THE SECTION:

On May 16th in Emporia, Ks. - After the Graduation ceremony for BJ Anderson, KC0IVR (among others), and after the post Graduation party for BJ, the following YL performed an amazing feat:
Caitlin A Ellison ("Girlfriend" of BJ) passed the following Amateur Radio Exams: Technician, General, and Amateur Extra.

While it did take two attempts to pass the Extra, pass it she did. Her parents - who were present at the exam session were not sure why she would want to do this, but she took on the challenge anyway. VE's present were Sid, N0OBM, Carl, N0ORS, and Carol, N0YBR. Caitlin is a Junior at Emporia State, and resides in Shawnee, Ks. The VE's were from Salina and Great Bend. Caitlin's Photo with the CSCE is (hopefully) attached!

Congratulations Caitlin!

Caitlin's new call has been issued Today. **AC**Ø**PC.** Exam was Saturday, call sign issued on Tuesday. Very quick turn-around!

This is the first VE Test session that I have participated in that someone Passed all Three Exams.

Sid N0OBM

◆Who says packet is dead?

Dale,
I didn't have your email at work when I sent this to everyone else and maybe Gene has
Already sent it to you. Anyway, if you don't have it I thought you might like to see it.
The first part of this message is from Gene WA5ETK the pictures are from me.

73,Rick WØQS

Big success from Hugoton, KS!
I just left a packet message in Harry's (N0HQG's)
mailbox... through HUG. My route was:
GRAY>HEMPHL>GUYMON>HUG>N0HQG-1
Here's the print-out:

```
cmd:c gray
cmd:*** CONNECTED to GRAY
C HEMPHL
GRAY:W5GAF-1} Connected to HEMPHL:W5GAF-6
C GUYMON
HEMPHL:W5GAF-6} Connected to GUYMON:N5DFQ-10
C HUG
GUYMON:N5DFQ-10} Connected to HUG:W0WBS-5
I
HUG:W0WBS-5} X1J4 NODE - HUGOTON, KS - SOUTHERN PLAINS AMATEUR RADIO KLUB

N
HUG:W0WBS-5} Nodes:
GCK:W0GCK-5      GUYMON:N5DFQ-10    HEMPHL:W5GAF-6
C GCK
HUG:W0WBS-5} Failure with GCK:W0GCK-5
MH
HUG:W0WBS-5}
Callsign     Pkts    Port   Time        Type
N5DFQ-10     229     0      0:0:0       Node
W5GAF-6      38      0      0:0:1       Node
WA5ETK       8       0      0:0:32
N0HQG        126     0      0:4:18
W0GCK-5      6       0      0:13:42     Node
GCK          3       0      0:27:8
N0KQX-15     3       0      0:27:27
N0KQX        4       0      0:27:43
W0QS         239     0      0:29:31
W0QS-15      10      0      0:32:25

C N0HQG-1
HUG:W0WBS-5} Connected to N0HQG-1

[AEA-9808-H$]
WELCOME TO HARRYS MAILBOX IN HUGOTON, KS.
(AEA PK-232M)  17668 free  (A,B,H,J,K,L,R,S,V,?) >
S N0HQG
```

Subject:
10:54 p.m. Texas Time
Enter Message, ^Z (CTRL-Z) or /EX to End

HELLO HARRY! Coming through HUG! My route is:
GRAY>HEMPHL>GUYMON>HUG>N0HQG-1 Congratulations!

Message stored as # 28
(AEA PK-232M) 17500 free (A,B,H,J,K,L,R,S,V,?) >

As you will note (above), I wasn't able to connect from HUG to Garden City (GCK), but... as Rick relates in the following report.. that situation may improve.

THANKS, Rick, for the report and photos!!! And C O N G R A T U L A T I O N S !

Gene,
HUG is on the air! We don't seem to have a solid path north to GCK but seems to reliably connect to GUYMON. We are going to put up a different radio at GCK and maybe that will help. I've attached a few photographs for your enjoyment.
73, Rick W0QS

KANSAS STATE ARRL CONVENTION:

AUGUST 16 2009

MAP >>> http://www.centralksarc.com/prnt.php_files/mapimage.png

More Info & Central Kansas ARC >>> http://www.centralksarc.com

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, NBØZ I am Net control on Monday, Fridays and Saturdays at 10 PM. Been doing that for 30+ years... Orlan

HA - HA - HA - HA – HA

THE BLONDE AND THE LORD

A blonde wanted to go ice fishing. She'd seen many books on the subject, and finally getting all the necessary tools together, she made for the ice. sitting on her comfy footstool, she started to make a circular cut in the ice. Suddenly, from the sky, a voice boomed,

'THERE ARE NO FISH UNDER THE ICE.'

Startled, the blonde moved further down the ice, poured a thermos of cappuccino, and began to cut yet another hole. Again from the heavens the voice bellowed,

'THERE ARE NO FISH UNDER THE ICE.'

The blonde, now worried, moved away, clear down to the opposite end of the ice. She set up her stool once more and tried again to cut her hole.

The voice came once more, **'THERE ARE NO FISH UNDER THE ICE.'**

She stopped, looked skyward! and said,

'Is That You Lord?'

The voice replied,

'No, this is the Manager of the Hockey Rink'

Jerry in Miami, FL.

◆**Leroy goes to a revival and listens to the preacher.**

After he's there for awhile, the preacher asks anyone with needs to be prayed over to come forward to the front at the altar.

Leroy gets in line, and when it's his turn, the preacher asks: 'Leroy, what do you want me to pray about for you?'

Leroy replies: 'Preacher, I need you to pray for my hearing.'

The preacher puts one finger in Leroy's ear, and he places the other hand on top of Leroy's head and prays and prays and prays. He prays a blue streak for Leroy.

After a few minutes, the preacher removes his hands, stands bac k and asks, 'Leroy, how is your hearing now?'

Leroy says, 'I don't know, Reverend. It's not 'til next Wednesday!'

From Larry at church.

SILENT KEYS:

KAR received no obits this month. The following list is from the Ks Section News page on the ARRL server which is maintained by Ron, our Section Manager.

WØIXA- Dave Zimmerman, Pomona
NØLTD- Don Moore, Osborne

1949 Photo of Kansas Nebraska Radio Club member Lyle WØCJP of Haddam, Kansas

Photo taken by Orlan WØIAZ of Belleville, Ks. now WØOYH of Shawnee, Ks.

dit dit

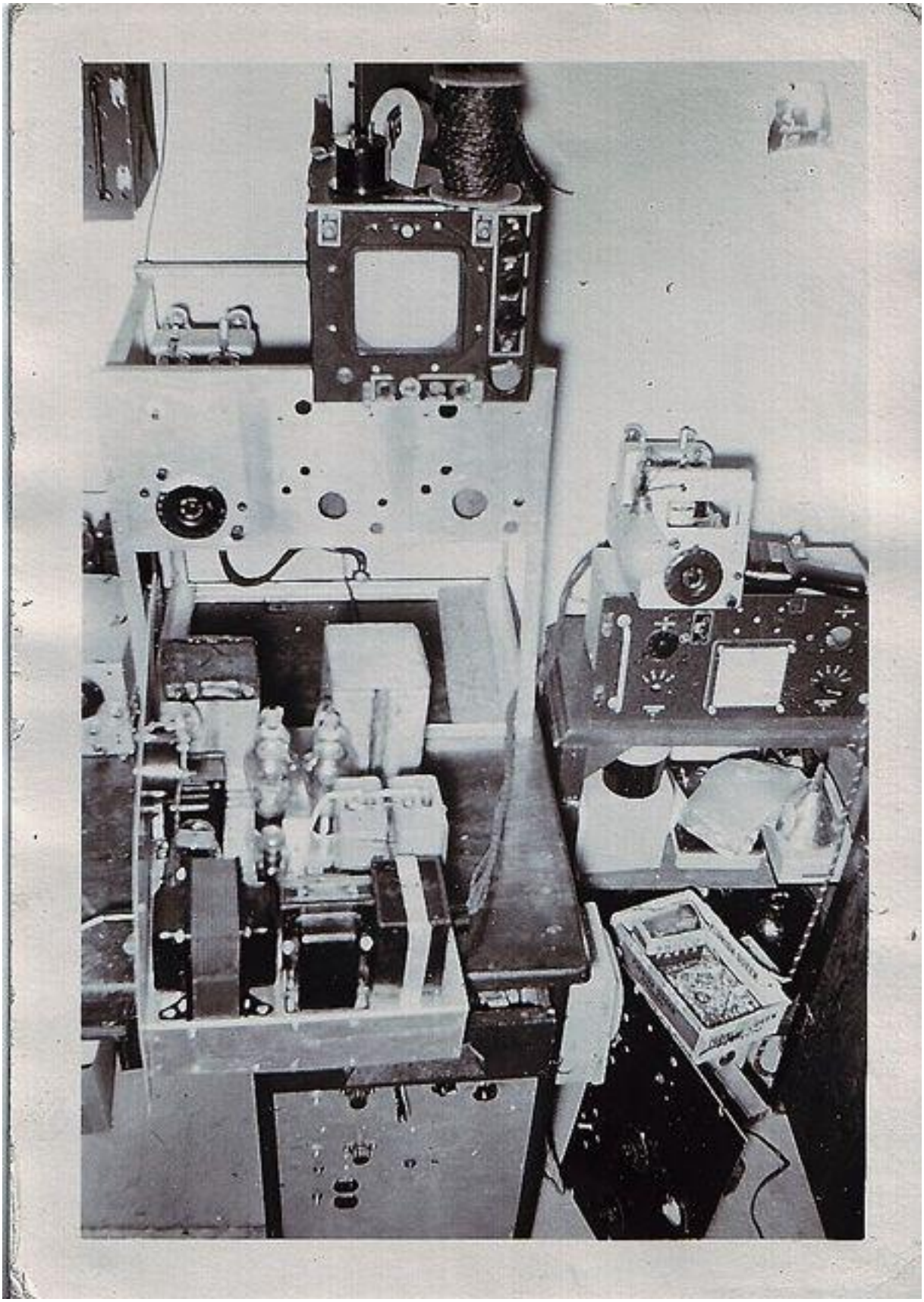
PHOTO OF THE MONTH:

This is a photo of my first station under construction back in 1952. On the desk in the center is the power supply. I scrounged lots of surplus parts for a year to supplement my meager income of working in the local bakery. The transmitter consisted of 3 modified ARC-5s. This sure was before the "Plug & Play" days. I remember doing a lot of head scratching coming up with a rig I could put together from what surplus there was on the market. I think it took a year for me to come up with all the parts. I did not have a hundred dollars in my whole station but lots of time, yes. Building the rig was only part of getting on the air. I had learned 13 WPM code, memorized lots of schematics of different types of oscillators, power supplies and other circuits. My FCC test required me to draw free hand a Hartley oscillator circuit and list all the components. I had to do the same for a power supply.

I wonder how many young people would go through all of that to get on the air today?

How many hams today can look at this photo and tell me what tubes they see in the power supply. I bet I will hear from Tom WØEAJ or Tom WBØZNY on that one. They know what it is like to build a tube transmitter from scratch, no kit and put it on the air.

What I learned in early ham radio set me up for a life in electronics and my own business the last 22 years before retiring. 73, Orlan w0oyh



LETTERS TO THE EDITOR:

I might of missed it, but I'm surprised I haven't seen anything about the passing of Lee Bergren, WØAR in the KAR.

Alan KØBG - Roswell, NM **It is great to hear from U OM. Been a long time Is UR hair still red? Hi Hi. Mine is snow white.**

◆ Orlan, Thanks for sharing, Caitlin's **ACØPC** Photo that's great. Of course I know Carl and Carol from Great Bend. The quick turn around time is fantastic.

This reminds me when Liz, our oldest daughter upgraded to General while attending Emporia. She called home one day and had Mary play some of the code practice tapes over the phone to her for close to an hour, she passed the General later that night! She was one happy camper as well as Mom and Dad.

73, Chuck, KØBOG **I looked Caitlin's address here in Shawnee and looks like she is about 1 ½ miles from my house.**

◆ The Grounded Grid for June is now on-line at:

http://warc.biz/grid/2009-06.pdf

As always, you can get previous Grids by visiting

http://warc1.org/grid/

If you no longer wish to be notified about the Grounded Grid being published, please let me know.

David Hagood, N0YKG
Webmaster, Wichita Amateur Radio Club **TU Dave for the FB newsletter.**
david.hagood@gmail.com
webmaster@warc1.org

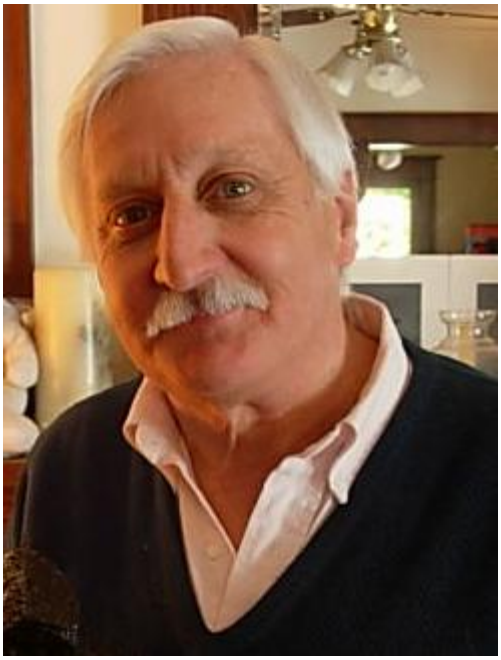
◆Please put me on the list to receive the KAR Newsletter.

Thanks and 73,
Paula, K8PK **It is my pleasure to add you th the KAR mailing**.
Topeka

What happened? I never got so few letters to the editor before! Come on gang give something to fill up a page.

Send me your favorite photo of ham radio and I will try to use it in KAR. What is going on in your part of Kansas that you would like to share with other Kansas hams. SEND IT SEND IT……

Tom's Key-Strokes - WØEAJ Denver, Co. Displaced Ks neighbor



Recently, I lamented the selling of a whole box of stud-mount feedthrough caps (of course, I NEED some now). After searching around, I stumbled across a product line that MOUSER ELECTRONICS carries called **Syfer**. Although Mouser doesn't normally STOCK these things, and they're REALLY proud of 'em, Syfer makes some feedthrough devices that not only have a coaxial capacitor, but also a series inductor IN one device - This makes for very good EMI filtering.

So for those folks building goodies that require feedthrough filtering, you might look at 'em

www.syfer.com/catagory_docs/filtpanelsfab.pdf

Tom
Whoops - that link won't work... they have to go to www.mouser.com - insert "feedthrough capacitors" in the SEARCH box, then they'll get the whole page of various ones, and just scroll down until they find the smaller values... llke .047uf @ 50v...

◆Pikes Peak Radio Amateur Association Inc. MEGAFEST
07/18/2009
Lewis-Palmer High School, 1300 Higby Rd. Monument Doors Open at 8 AM
Table Cost: $12.00 Admission: $5.00
Talkin: 146.97(+ (100 Hz PL))
Contact: Go To http://www.ppraa.org
for more information

◆◆◆◆◆◆◆◆◆
http://www.aade.com/filter.htm

Wanna make your own Chebychev, Elliptic, Bessel, Legendre, and Linear Phase (*Low Pass, High Pass, Band-Pass, Band-Reject*) filters? This is the free design program for you. It's listed as using W-98, but am sure it'll work on later stuff.

Tom

◆◆◆◆◆◆◆◆◆
Shortcut to: http://www.aade.com/lcmeter.htm#order

This is a "C" and "L" meter, available in assembled or kit form... a difference of $30.00

It won't test electrolytics, but the specs look terrific for everything else. I have an older "C" meter, and it's "okay", but no great shakes, so will be giving this one a try - the writeups on it seem to be very positive, and for anybody who designs or makes their own filters, traps, or resonant circuits, it's a real plus. Interesting, was the measurement of SO-239 coax connectors (infamous for NOT being worth a darn, above HF). The tests agree with MY FINDINGS, that the newer "teflon" dialelectric connectors are **NOWHERE AS GOOD** as the older phenolic ones.

[*Did you know that the average SO-239 (female) jack displays around 8 ohms of impedance at 449 mHz?*]

Tom

◆◆◆◆◆◆◆◆◆

Shortcut to: http://www.aade.com/dfd.htm

You may have heard of this guy, but he makes digital displays for older receivers and transceivers. Most are "plug-n-play". Terrific for Hammarlund, National, Hallicrafters, Drake, Heathkit, Collins, and many others. Now you can **WATCH** your old SWAN or SX-100 Halli' drifting merrily across the bands.

Tom - WØEAJ

◆◆◆◆◆◆◆◆◆

Look at a SO-239 with a TDR and it will frighten you when you see the impedance "bump"!! I'd like to own a TDR, but a "high dollar" item.?? Bert

◆◆◆◆◆◆◆◆◆

Yep. There's a reason the club uses N connectors on everything. ;-)

--
Nate Duehr
Sent from my iPhone

◆◆◆◆◆◆◆◆◆

They arent called Hallidrifters for nothing. It simply builds strong wrists and a Navy vocabulary.

Carl

◆Heathkit Original Manuals
> I recently added around 200 original Heathkit manuals to my web page
> plus a few National, Drake and other manuals for sale.
> List can be viewed here:
> http://members.cox.net/radiostuff9/manuals_fs.htm
> --
>
> Dave N7RK

◆Thanks, Kooj...

Hey, I just got through building an L/C meter and that sucker works great - kit was $99.00 and I checked the accuracy against some Tektronix calibration caps at 1uf, .1uf, .01uf, and .005 uf, as well as .0047uf and .05uf - all were well within tolerance and nearly spot on.

The "L" side works great too. Measuring some known inductances and some exact lengths of B&W miniductor - all were right on the gazoo...

So if you know somebody who likes to "roll their own"... this is the gadget to get:

http://www.aade.com/lcmeter.htm#order

(Kit was easy to build and everything fits)

TC – WØEAJ

Thank you Tom for all of the good info and the nice trips down memory lane. Orlan