Hi gang, My cardiological wants to try to get through a 20 year+ old blocked artery and stick a stint in it. He thinks he can increase blood flow to that part of my heart and give me more energy and get me back walking further.

I enjoyed the Kansas State ARRL Convention at Salina and sure enjoyed the eye-bell QSOs with every one. Thank all of you who give your support th Ks ham radio and the Central Kansas ARC who put it on. With out your attendance Kansas would not have a State Convention.

Thanks again to the Central Kansas ARC for there time of putting on and financing the Convention. The price for the use of the space of the convention has gone up to $1600.00, but you could not afford it if it was in KC. Our thanks go out to you again for providing Ks hams with a State ARRL convention!

I am spoiled, I still remember the days when Ks hams were closer. When we got on the air on 75M it was a bunch and all showed up at Salina. Than special intress groups began not coming and formed their own groups and stopped supporting the Ks State Convention. We will be celebrating our 100th anniversery but how many hams know what it is that we are celebrating?

I talked to Bob KØBXF wife recently and they have to leave their assisted living home and put bob into a nursing home. Bob has gotten much worse and the assisted living place can not care for him, he needs total around the clock now.

We still need a SEC to take the place Bob held. Does Kansas have a han these days that can do the job? Contact our SM kh0dti@arrl.org

◆ For Ford car nuts. http://www.youtube.com/watch_popup?v=6IY1S06DVwk&vq=medium
◆ Here is one you don't want to miss!
As we know, light is the visible portion of the electromagnetic spectrum. Watch this YouTube video to see a “bullet” of light travelling through the air and through a bottle of water. Camera speed is one trillion frames per second. Imagine how cloudy the air would seem if we could see our radio waves.

<http://www.youtube.com/watch?v=Y_9vd4HWlVA>

Wayne Dothage, KC0WEG, <wdothage@kciinc.net>
Project Engineer
KCI, Inc.
◆ Interesting web site:
KCTEW = <http://www.kctew.org> = Kansas City Terrorist Early Warning
This site connects to many other interesting sites.

73, Larry

To post a message to all the list members, send email directly to <lstaples@kc.rr.com>

◆ As Margret Thatcher (former Prime Minister of Great Britain) once said "Socialism is GREAT - UNTIL you run out of other people's money"

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**Links for Kansas hams!**  TNX to Kent KBØRWI

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<td>All ham links, nothing but!</td>
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<td>Kansas Section News and KARs</td>
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<td>NF9L KC page</td>
<td><a href="http://kchamradio.com/">http://kchamradio.com/</a></td>
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<tr>
<td>“Orlan’s Notes”</td>
<td><a href="http://home.everesfkc.net/orlan/#top">http://home.everesfkc.net/orlan/#top</a></td>
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Tonight at the Marshall County ARC meeting, we presented Dennis, K0BYK, with his Kansas Amateur of The Year plaque. In the picture Dave, K0KSI, MCARC president (on left), presents Dennis with his KAoTY plaque.

Dennis stated that this is highest honor he has received and was clearly very gratified to receive this honor.

73, de Nate, N0NB

Dennis Mason K0BYK, of Marysville, Kansas, was named the Kansas Amateur of the Year at the ARRL Kansas State Convention in Salina, on August 19. Stan Creitz WA0CCW, chairman of the award committee, made the announcement at the Kansas Section Forum, and reviewed Dennis’s record of public service and promoting Amateur Radio. After his retirement from Union Pacific Railroad in 2000, Dennis spearheaded a project to put a NOAA weather radio station in service near Blue Rapids, Kansas and worked with area schools and businesses to install and program SAME capable weather radios. He also promoted the sale of weather radios to the public.
From 2005 to 2008 he worked with the Marshall County Emergency Manager to reconfigure the Sheriff's Department radio system for better county-wide coverage. Dennis helped build an EOC communications trailer and equipped it with amateur radio operating positions. This work created an opportunity for establishment of the Marshall County RACES group and an official working relationship with the ARES group. In the wake of the 2007 Greensburg, Kansas tornado, Dennis spent several days on site assisting the Salvation Army relief efforts. In recognition of his public service efforts, the Kiwanis Club of Marysville presented Dennis with the “Outstanding Citizen of the Year” Award. The Mayor, Marshall County Commissioners, and Congressman Jerry Moran also expressed their appreciation for Dennis’s service. K0BYK's Amateur Radio service includes taking the lead in activating the W0GCJ special event station celebrating the 150th anniversary of the first civilian post office in Kansas, providing communications for the annual Pony Express re-ride, and securing the 2009 Governor’s Proclamation of Amateur Radio Week in Kansas. Dennis is an active member of the Marshall County ARC and serves as Trustee of the club call W0GCJ. He's an active member of the MCARC VE team, and is involved with Field Day preparations, and provides new amateurs with technical and operating assistance. In 2009 he gave presentations on Morse Code to the Valley Heights Jr-Sr High, Omega and surrounding schools, several nursing homes, and civic groups to commemorate the 200th birthday of Abraham Lincoln. In nominating him for this award, the Marshall County ARC noted that K0BYK “would be an excellent choice as recipient of the Kansas Amateur of the Year award. He continues to promote amateur radio and recruit others into the hobby. Dennis' efforts over the years have benefitted amateur radio in tangible and intangible ways both locally and in the state of Kansas." Congratulations to Dennis K0BYK, the 2012 Kansas Amateur of the Year!
The ARRL Midwest Division September 2012 Newsletter is now available on the Division's Web page. Here's the direct link:


(If this month's newsletter doesn't open, try refreshing the page, in case your browser is loading a cached copy of a previous newsletter).

Highlights this month:

- Central States VHF Society 46th Annual Conference
- Dennis Mason K0BYK-Kansas Amateur of the Year
- Hams in Space at Joplin Hamfest
- Around the Midwest Division
- Cliff's Notes
- Great Turnout for Kansas QSO Party
The newsletter is a PDF file which contains a number of pictures, graphics, and links to Web pages and email addresses. Just click on any of the links to go directly to the Web page or send an email. If you have trouble opening the PDF file, you can download the latest version of the free Adobe Reader software at:

<http://get.adobe.com/reader/>

If you have news and photos about events or activities from the Midwest Division, email them to me at cliff.ahrens@gmail.com or k0ca@arrl.org. I will try to include as many as possible in upcoming editions of the Midwest Division News. Thanks!

73, Cliff K0CA

--------------------------------------------------------------------

ARRL Midwest Division
Director: Cliff Ahrens, K0CA
<k0ca@arrl.org>
ARRL Ks Section Manager – Ron KBØDTI
kb0dti@arrl.org

ARRL Kansas Section Emergency Coordinator
Kansas does not have one at this time

Are there any Ks ARRL member interested in the Ks Section Emergency Coordinator's job? Please contact Ron kb0dti@arrl.org

Kansas RACES Officer – Joseph WDØDMV

Let me first thank all of you that were able to make the State RACES meeting in Salina at the State Convention. There were 13 Counties represented and two out of state. The guest speaker was Jonathan York from the State Emergency Management. I think everyone was excited about what Mr. York had to say about the future of RACES in Kansas. With the new RACES plan and new antennas at the State EOC on the horizon, the State is now in need of HELP. It is one thing to have operating radios in the future, but now we need trained operators to use them. If you want to be part of the State RACES operations at the State EOC, contact me or Jonathan York as soon as possible. A training exercise needs to be scheduled soon so that RACES can operate for a December exercise.

Thank you all for taking time and checking into the KRAP nets and telling us what is happening in your part of the State. All stations are welcome to check in. Maybe someday soon these nets will revert back to RACES nets.

Till next month, stay safe.

73

Joseph WDØDMV
Kansas RACES Officer

The Kansas Radio Amateur Preparedness (KRAP) Net meets on the first Thursday and third Tuesday of each month at 1900 local time on 3940 KHz.

+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

KRAP Net report for Tuesday Aug. 21, 2012

The following stations were heard:

WØWVI Anderson County
AAØDF Lyon County
KAØARW Phillips County
NØZBV Republic County
NØOMC Kearny County
NØKQX Finney County
KBØUKW Butler County
WDØDMV Brown County Portable Net Control
WAØCCW Mitchell County Net Control

9 Counties 9 QNI  ++++++++++++++++++++++++++++++++ ++++++++++++++++++++++++++++++++++++++

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KRAP Net report for Thursday Sept. 6, 2012

The following stations were heard:

WØPBV Riley County
KBØDTI Linn County
WDØDMV Brown County Portable Net Control

3 Counties 3 QNI

Kansas RACES Officer

Joseph WDØDMV
Good evening everyone,
It is with sad regret I inform you that Ted, n0nkg Went SK this morning at 10 a.m.
Please continue to send prayers for him and his family.
Mary Ann has been transferred to a rehab hospital in Denver and is reported to be making some improvement.

next week on the Western Kansas 160m net, I'd like to dedicate in Ted's Memory, if you have a story about Ted that you would like to share with the group, please feel free to share as we take check ins.
also, if you went to the salina hamvention or the hamfest in colorado please feel free to share with us what you bought, sold, or seen.

everyone please be careful as your traveling about. keep a eye on the other drivers too.
73,
matt, kdoezs

u The western Kansas 160m net will meet tonight at 8 pm mountain time or 9 pm central time on 1.950 LSB.
In trying to get along with the AM enthusiasts we will move to 1.950 +/- and see how this works. if you don't hear us on 1.950 it could be the frequency is in use and I have moved up or down so hunt us up.

tonight's topic is: how do you feel hurricane Isaac will effect ham radio conditions and propragation?

see you on the air!
73,
Matt, kdoezs

p.s remember we will try to start out on 1.950 thank you.

u we are on 1.944, there was a qso on 1.950.

please meet us on 1.944

see you on the air,
73
kdoezs

u net report for 8/28/2012

Topic: how will hurricane Isaac effect ham radio conditions and propragation?

start 8pm mnt
end 9pm mnt

hurricane watch net : 14.325, delta division ares 3.890 and 7.275
QKS the Kansas CW tfc net of the NTS

Net operated daily at 7 and 10 pm on 3547 kHz. 7 pm is the outgoing 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 - net mgr.
Death Notice

Atherton, Jay W., 72, retired ham radio operator "N0KEV," died Aug. 31, 2012. Graveside service 1:30 p.m. Friday at Wichita Park Cemetery, with viewing one hour prior at Old Mission Mortuary. Preceded in death by his parents, Art & Ethel and brother, Lawrence. Survived by sisters, Betty Lynch, Mary Howell, Janet Hayes.

Read more here: [http://www.legacy.com/obituaries/kansas/obituary.aspx?n=jay-w-atherton&pid=159575261#storylink=cpy](http://www.legacy.com/obituaries/kansas/obituary.aspx?n=jay-w-atherton&pid=159575261#storylink=cpy)

Thanks to Jim WØEB

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The Kansas State Convention - Salina Kansas

August 19, 2012

Still on the Third Sunday in August (Aug ??, 2013)

Still at the Bicentennial Center, even though we have NO idea how much it will cost us this year - since the City is privatizing the facility.

We "were" looking at another venue, but they are already booked that weekend this year.

Since we do not know how much it is going to cost us this year, I doubt that we will be able to keep the "gate" at $5.00. We will try, but no guarantee.

Sid N0OBM CKARC QSP Editor, Website editor

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HA-HA-HA-HA-HA

¬ During a recent password audit by a company, they discovered a blond employee was using the following password:

MickeyMinniePlutoHueyLouieDeweyDonaldGoofySacramento
When asked why she had such a long password, she rolled her eyes and said, "Hello! It has to be at least eight characters and include at least one capital."

--
John NØEI

◆ FIRST PHOTO FROM NASA's MARS ROVER

◆ Water found on Mars!
Phyllis KA7FIT
Greg Saunders, KJ6MC, works at KTXL Fox-40 in California. They came up with a very good video piece on Morse code (and once again code beat texting :-)

<http://vimeo.com/47261603>  <<<CLICK

Allen Pitts, W1AGP
<w1agp@arrl.org>
Media & PR Manager
ARRL - the national association for Amateur Radio
225 Main St., Newington, CT 06111
Hi Orlan,

Salina is getting close!

This was very interesting and explains why we think we have checked traffic and then sometimes get surprised by a car coming close we didn't at first see.

Chuck KØBOG at ARRL It was sure gud 2CU there Chuck!

Motion Blindness
Motion Induced Blindness
This is frightening! It works exactly like it says, and is one major reason people in cars can look right at you (when you're on a motorcycle or bicycle)---AND NOT SEE YOU. From a former Naval Aviator. This is a great illustration of what we were taught about scanning outside the cockpit when I went through training back in the '50s. We were told to scan the horizon for a short distance, stop momentarily, and repeat the process. I can remember being told why this was the most effective technique to locate other aircraft. It was emphasized (repeatedly) to NOT fix your gaze for more than a couple of seconds on any single object. The instructors, some of whom were WWII veterans with years of experience, instructed us to continually "keep our eyes moving and our head on a swivel" because this was the best way to survive, not only in combat, but from peacetime hazards (like a midair collision) as well. We basically had to take the advice on faith (until we could experience for ourselves) because the technology to demonstrate it didn't exist at that time.

Click on the link below for a demonstration .... http://www.msf-usa.org/motion.html

Space Station flying over and through the Northern Lights the flashes are not the Northern Lights, they are lightning according to the writing under the picture. You'll recognize the Northern Lights when they come into sight. The whole thing is just awesome.

http://apod.nasa.gov/apod/ap120305.html Phyllis KA7FIT

Check this one out: http://www.edn.com/electronics-blogs/a-ham-s-eye-view/4392142/Morse-Code-on-Mars?-cid=EDNToday

Someone at JPL has a sense of Humor!

Lynn Geitgey, WB6DWW “LL”
This month’s lighting tip from Topbulb:

The benefits of converting from traditional light sources to LEDs usually focus on energy savings and long life. However, there are several other potential benefits worth mentioning. (1) When LEDs are switched ON, they illuminate instantly and at full light output in contrast to fluorescent, HID and even incandescent bulbs. This is especially important for emergency exits and security applications. Interestingly, LED vehicle brake lights illuminate 200 milliseconds faster than incandescent. This translates into almost 20 feet of additional stopping distance at 65 mph. (2) LED performance or life expectancy is not affected by frequent or even rapid on/off cycling. By comparison, the rated life of a fluorescent bulb is shortened when it is turned on and off many times a day. (3) LEDs are more resistant than standard light bulbs to mechanical failure due to shock and vibration. While this is not an issue for household use, it might be an important advantage for industrial and some commercial applications. (4) Cold temperatures are a challenge for fluorescent bulbs. LEDs actually increase light output efficacy as operating temperatures drop, making them excellent choices for outdoor and cold storage uses. (5) LEDs produce minimal ultraviolet (UV) and infrared (IR) radiation giving them a significant advantage for retail, museum or even household lighting where artwork, fabrics and food can be affected by both UV and IR. If you have questions about LED performance for any application, call us and we’ll do our best to provide you with the latest research-based information.

From my son Brian who works at “Electronics Supply” in KC.

Read the obituary of this outstanding micro processor developer.


Sent to us by Bob Wilson, NT0A.

This month’s lighting tip from Topbulb:

High wattage compact fluorescent (HW-CFLs) are bulbs in the 55W - 200W range. They are intended primarily for retrofit in HID fixtures (after the HID ballast is disconnected) or for retrofit in high-wattage incandescent fixtures. HW-CFLs provide light output equivalent to incandescent 200W – 500W; metal halide 70W – 175W and high pressure sodium 50W – 150W. The benefits of HW-CFLs: (1) high color rendering and more color temperature options than standard metal halide and HPS; (2) instant restrike after a power outage; (3) medium and mogul screw base (4) better energy efficiency and lamp life compared to incandescent and competitive with metal halide and HPS. The drawbacks: (1) more suitable for general illumination rather than for directional lighting; (2) enclosed fixtures may overheat the ballast electronics of self-ballasted HW-CFLs; (3) frequent switching may shorten lamp life therefore not recommended for use with occupancy sensor controls. Click here to view the Topbulb line of HW-CFLs.

Brian Cook
◆ **This month’s lighting tip from Topbulb:**

Replacing household bulbs with LEDs is becoming a viable option for people as LED prices continue to drop. The more difficult decision is how to pick suitable replacements. Ideally, after you replace your current bulb with an LED bulb, you won’t be able to see any difference in the quality of illumination. To get this result, the first rule is don’t think “watts”. Think “lumens”. Look on the packaging of your last purchase of 60W or 100W standard bulbs. You should see “Lumens” or “Light Output” listed with a number like 850 or 1600. This is the number to compare to the “Lumens” for an LED bulb. Most reputable manufacturers use a standardized label called Lighting Facts that clearly calls out the lumens ([see a sample label](http://www.npr.org/2012/08/29/160265990/first-radio-commercial-hit-airwaves-90-years-ago)). Select LEDs with lumens within a 5% difference of your existing bulb.

Next, make sure you choose an LED bulb with a “color temperature” close to 2700K (also on the Lighting Facts label). Most people like a warm appearing light in their table/floor lamps, down lights and other general lighting applications. However, if you are replacing a PAR halogen type flood or spot with an LED, the closest color temperature is 3000K. Above 3000K you will be getting more blue color in your bulb that you may find undesirable (example, many LED outdoor landscape lights that have an icy blue appearance). LED bulbs come in dimmable versions, but you will pay more and you will need to read the fine print on which model dimmers will work. Finally look for at least a 3-year warranty. Some brand name companies offer 5-year. Our best advice: for each type of bulb in your home, buy only a single replacement LED, install it and make sure you are happy with the appearance and functionality before you replace other similar bulbs.

Brian Cook

◆ **Here it is!**

First picture from NASA of water on Mars, amazing and outstanding!!

Phyllis KA7FIT & Cecil NØCY

◆ Hi Orlan,

It was sure good to see you and your son at Salina. I enjoyed sharing the table eating ice cream and hearing some of the latest news.

Amtrak worked out well, it was quite an adventure and we got to see more of the countryside as we rolled along.

This is not exactly ham related but here is an interesting story of how radio commercials began. They probably never envisioned where it would lead! 😊


-Chuck ARRL Hq

◆ **FOR THE KAR IF YOU WISH OC. OJ** from KØOJ Orlin

HANDY INFO FOR N CONNECTORS, NOTE, ONLY TURN THE NUT NOT THE CONNECTOR
Ask w0oyh@arrl.net to send the 2 pdf`s

◆ Dear Larry's List Subscribers:

Some time ago I reported on a service performed by one of the LL subscribers, Pete Varounis, NL7XM, <TwelveVDC@aol.com>.

Upon request Pete will go through his data and look up a call sign to determine its history. It is a terrific service.

Please access <http://www.eham.net/reviews/detail/9782> and see what other folks have said about him, and see how it works. While he does not charge, he will not turn down a $1 donation to help defray copying and mailing expenses. He asks that you keep him in mind when disposing of old call books.

After you have made a request you should visit <http://www.eham.net/reviews/addreview/9782> and write your own review about what he has done for you. Pete has a 5.0/5 rating on eHam.net -- perfect!

Comment for the newer hams: It is truly amazing the various services done for ham radio by many hams. I doubt that many of you had any idea of the extent of the amateur radio service.

73,

Larry Staples - W0AIB
7862 Howe Circle
Prairie Village, KS 66208-4260
Telephone: 913-341-3067
Email: lstaples@kc.rr.com
Some years ago, I stumbled across a story in a READER'S DIGEST, concerning a patient who was totally uncommunicative, owing to his inability to speak - he'd essentially shut down. A fellow who volunteered at the facility, a ham, happened upon him, and somehow found out that the old fella used to be a Navy Radioman (so, of course, I'm quite biased)... they began communicating with the taps of a spoon on a table, and while the patient eventually DID pass on, he got the enjoyment of being ABLE to communicate with somebody he enjoyed.

I can't recall the year or issue, but my Mom sent it to me. So yes... there IS a reason to preserve the FIRST DIGITAL MODE.

Tom Dailey - W0EAJ
<daileyservices@qwest.net>

Roger Snowdall, W0KWJ, <w0kwj@att.net>, performed this service for a dying ham who was unable to speak, but could tap out CW. Ask him to tell you about it. Larry, W0AIB

Okay guys, I have a 1937 SX-16 WITH matching speaker. Bringing it up on a Variac, it DOES work, but didn't leave it on long, as I'm sure it needs caps, resistors, etc. I don't have pix at this moment, but can do some. I don't have to tell ya' that there aren't many around, especially with the speaker. Don't have a cardiac when I ask $450 for both (they're worth it, EASY), but offers will be considered. I'd ship with custom-made (fitted) foam packing or could deliver to Kansas City, from Denver.

Tom Dailey
W0EAJ


Knowing a little bit about the FIRE business, I want EACH OF YOU to read this article... what should jump out at you is that the FATAL fire was on the 2nd. floor. He is DEAD, and his wife, very nearly DEAD... and obviously because there was either NO smoke detector, or one that DIDN'T WORK. With the level of smoke indicated by statement of the firefighter, even a POOR device would have triggered and alerted these people.

If you HAVE a smoke detector, it runs from 1 of 2 (sometimes. both) power sources... the 117vac in
your home, and a backup battery... or as with most, simply an inexpensive 9v radio battery. Residential codes require that the devices in new homes be operated with the 117vac supply AND have a battery backup (usually, a lithium cell), but aftermarket devices AND older ones in apartments and homes, often run on BATTERY ONLY. CHANGE THE BATTERIES WHEN YOU CHANGE THE CLOCKS! i.e. TWICE per year - batteries are cheap; lives are expensive and not replaceable!

Yes, some of the devices out there, WILL sound from the presence of RF - like when you key up your HF rig, so check that out, but PLEASE - Don't be one of those idiots who removes the LONG GONE battery at 3 in the morning ('cause it's chirping at you... saying... "change me"... "change me"), then never replaces it!

We've lost one of our OWN here, so WAKE UP!

Tom Dailey - WØEAJ

◆ ----- Original Message -----◆

From: TC Dailey
To: Orlan
Sent: Saturday, August 25, 2012 11:27 AM
Subject: CLASS E AND MORE MODULATION

http://www.classeradio.com/

◆ I'm not sure how many know this, but MOUSER offers BRAND NEW carbon composition resistors (new supplier). These are perfect for replacement of parasitic suppressors and restoral of boatanchors, with ORIGINAL looking (and performing) parts.

They're offered in ¼, ½, and 1 watt ratings, in all the standard values, in 5% or 10% tolerance. Part Numbers begin with "791-RC¼, ½, 1..."

Ref: Current MOUSER catalog - Page 779 / Brand Name: KAMAYA

Tom Dailey - W0EAJ

◆ http://www.youtube.com/watch?v=XXjsXDkRKYg

I remember sending off for, and playing this record... over, and over... and over... and over. I lusted for a Hallicrafters S-38D, but didn't get it until about 1999. I settled for a Heathkit AR-3, and still have it.

Tom - WØEAJ
Bob Hunter & Carmen at the BA front store on Mercier. Check out Bob's checkered pants and the salesman's striped coat, sideburns, and those gawd-awful shoes.

For those of you who own or use a "SOLDAPULLT" solder sucker, I just got off the phone with Nancy of EDSYN (the makers of the tool). In business for over 50 years now, they're still making the ORIGINAL product in addition to numerous others, and I was able to buy some spare tips & "O" rings (they also offer a kit with these). They DO have a minimum order of $25, but she was willing to forgo that, in view of the fact that I'm still using my ORIGINAL one, gotten when I worked at Burstein-Applebee, in 1974!

Edsyn, Inc
15958 Arminta Street
Van Nuys, CA 91406
Phone: (818)989-2324
Fax: (818)997-0895

e-mail: nancy@edsyn.com
This is Bob Hunter (with the bubble gum) and the guy who ran the BA hamshack (in the basement) at 55th. & Brookside. I think his name was "slim", but not sure - anybody provide a name for me?

Tom

I used to go down into what WAS the old ham shack at 55th. & Brookside, as that's where they had the time-lapse video recorder, hooked onto the store cameras (surveillance system). I remember that the TL/VTR sat on the carpeted steps, halfway into the basement (stair opening had been covered up, upstairs). I sometimes would sit there in the quiet dimness, listening & watching (after servicing it) to make sure the recorder worked properly, and remembering when I'd ridden down to Brookside on my bike (from Mission), to drool over all the pretty radios, when I was a kid.

I still have the $2.95 brass "Ambassador" straight-key I bought there.

I also remember stories from John Fife - WØOSD (SK) of when the shop was down there (in
the UNFINISHED rock basement). He said it was always moist down there, and you really had to watch yourself, working on TV sets, as they sat on metal stools... often on wet floors... and you could shock the living snot out of yourself. ...said he saw God more than once.

He used to tell a very funny story.. and it would be all he could do to NOT break out in laughter and fall on the floor, telling it.

Carl Bowman or some other purchasing agent, bought a whole slug of inexpensive (say: Cheap) "MiniCorders"... 3" R-to-R tape recorders, and they were nothing but trouble. John had one that... everytime he'd put it back in the case, it'd quit working, and when he took it out again, it WOULD work. He disassembled and reassembled the thing about 5 times with the same result, then in a fit of absolute RAGE, he swiveled on his stool, and HURLED it (at great velocity) at the wall, where the stairs were.

... just as Jerry Burstein was coming down the stairs to see "how everything was". John said it smashed into the wall about 6" from Jerry's face and exploded into a thousand pieces... whereupon, Jerry quietly turned around and went back up the stairs.

John said he was SURE he was gonna get fired.. but it didn't happen.

Tom

◆ Well kids,

I have only ONE .1uf cap left to install (it's behind a terminal strip, under a shaft), and about 6 resistors... and then I can start alignment (hopefully). National, like many other manufacturers, believed that old Heathkit "saw" about always making a good "mechanical connection" before soldering, so some of the parts were a real pisser to get out - I actually gave up on a couple, and simply put the new part in, using the old leads. They also had "collectives" of resistor/capacitor combinations, so you had to remove 5 or 6 parts at once... I got good with the digital camera and accurate drawings as to where what went, so I could get them back together correctly. [ not as bad as a KWM-2 with Vector "turret" tube sockets, but right up there ]

Nearly ALL of the resistors were WAY out of tolerance... i.e... 470 = 1.6K, 100K = 350K, 470K = 1.2 meg, etc...and as so many were so far off, I just decided to replace ALL of them. MOUSER sells BRAND NEW carbon composition resistors (like the originals), so I bought all 5% tolerance varieties (the originals were 10%), and not only are they the same size, but they look original, AND carbon resistors perform more correctly at RF than the metal-film versions do. I used Vishay/Sprague "orange drop" capacitors for the recap job, with a pair of "bottom lead" electrolytics on a mounted terminal strip, for the power-supply filtering, and two axial-lead electrolytics for audio bypassing and coupling.

I picked up an additional plug-in coil for 20m (I only got 40m & 75m coils with it), so I get to align THAT after the receiver is all aligned - the problem is that you have to use the "Plug it in - pull it out - adjust something - plug it back in and try it...... etc... etc... etc..." method, as you cannot get to the section-adjustments when it's plugged into the receiver! Each coil was
adjusted to it's OWN receiver, so when you get one from another radio - it's not aligned right. I have a theory as to how they did it at the factory, but not sure.

It's definately a labor-of-love; the receiver DID work when I got it, but the volume pot is bad, and as so many resistors were so FAR out of value, the performance was "not so pretty good", so hopefully it'll really honk when I get it all done. I went through all of the tubes and "selected" the best of the best of my inventory.. ironically, I had 2 bad 6H6's (the little short stubby tubes used as detectors and noise-limiters).. I've NEVER had a bad 6H6 in all the time I've worked on radios!

So, when it's all done and working swell, then I'll begin on yet another Johnson Viking Valiant that I traded for. Between a Valiant and an HRO-60, I'll no longer have an excuse for not getting on AM.. and maybe Kathleen will have found our new house, South of Sedalia... the one with two windmill towers about 240 feet apart with the shack in between... and a 100 yard long ravine or ditch for target practice... that and a triple-garage, and she can have the rest...

HI HI HI

TC - WØEAJ

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Great Job Tom! Wish I were there to twittle the knobs. Orlan

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