Hi Gang, Here is the August 08 issue. I am looking forward to seeing you all at the Kansas ARRL State Convention in Salina in about a week, Sunday August 17. Don’t miss the ARRL Forum at 10 AM and the Ks Section meeting with Ron KBØDTI our Section Manager opening the Section meeting at 11 AM with Stan WAØCCW present the 2008 Ks Amateur of the year. If you hold an ARRL appointment you should be at the Section meeting. I know Ron and our Section Emergency Coordinator Bob KØBXF would like to see all of the DECs and EC attend.

Now is your chance to ask Bruce KØBJ our Midwest Director all of those questions about what are going on at ARRL and what ARRL is up to. Bruce will have some help from Chuck KØBOG from Gt. Bend who is now on staff at ARRL Hq. If you have any FCC questions, be sure to be there and ask them. Say hello to Chuck in the ARRL booth and in the ARRL Forum.

Say thank you to Ron WAØPSF and others of the “Central Kansas Amateur Radio Club” for securing such a fine air-conditioned building with private meeting rooms, huge floor full of swap tables and huge parking lot for the convention. Here is a good way for the Ks hams to show support for ham radio in Ks by coming. This is a once a year event. Here is a good place to meet Kansas Hams and not just local hams. How often do you get to support state wide ham radio and not just local ham radio?

Orlan I want to announce a New young Kansas ham. My 11 year old son Clayton Benson KD0EUE, is now on the air. He says he is ready to come to Salina in August and get his General ticket. So for all of those out there who say they can’t do it, GET TO IT!

Steve Benson NØBTH
EC ARES Dist 6F
n0bth@arrl.net

Thanks Orlan, That was a good show about the tower climbers. Yes, I’m very happy to say I will be coming for the Salina hamfest again this year. It’s always good to see everyone and catch up on the Kansas news direct, plus I don’t want to lose my accent, hi. I hope you are keeping cool, I’ve been hearing you are trying to fry eggs on the sidewalk again.

73,
Chuck, KØBOG ARRL Hq

Bob Roske, N0UF, (president-elect of QCWA) sends this:


Also go to QRZ.com and look up his call, K0DXC, for more info. He is definitely not your common teen or the usual new ham sitting on VHF.
Dear List Members:  Barry Preston, KC0YDZ, spotted this ARRL release and sent it to us: (Thanks, Barry).  Kansas Ham, Son, Electrocuted While Erecting Antennas
<http://www.arrl.org/news/stories/2008/07/14/10211/?nc=1>  <sniped> from Larry’s List

How NOT to put up an antenna at Field Day
http://ie.youtube.com/watch?v=PqmQ1CMrqkY&feature=related

John Hochscheid, KD0BKR, found this web site!  From Florida Power and Light
<http://www.fpl.com/safety/working_with_power.shtml>

Thanks, John!

(Comment from W0AIB: Wouldn't it seem logical to be sure your antenna is not as tall as the power lines are high?)

I had never heard of this before.  This is worth watching.  Check your tires and read the code on your tires now and send to all in your address book.
http://abcnews.go.com/Video/playerIndex?id=4826897

Printable 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/

KAR newsletter published on or about the 8th of each month.  KAR ARES Reports published in 4 more.

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

Arthur is 90 years old.  He's played golf every day since his retirement 25 years ago.  
One day he arrives home looking downcast .That's it", he tells his wife.  
I'm giving up golf. My eyesight has got so bad...once I've hit the ball, I can't see where it went."
His wife sympathizes. As they sit down she says, "Why don't you take my brother with you, and give it one more try".
"That's no good", sighs Arthur. "Your brother is a hundred and three. He can't help".
"He may be a hundred and three", says the wife, "but his eyesight is perfect".
So the next day Arthur heads off to the golf course with his brother-in-law.
He tees up, takes an almighty swing and squints down the fairway.
He turns to the brother-in-law, "Did you see the ball?"
"Of course I did!", says the brother-in-law. "I have perfect eyesight."
"Where did it go?", says Arthur.
"I don't remember."  

Sent in by Jerry in Miami Fl.
No report. To hear from Ron, go to >>> [http://www.arrl.org/sections/?sect=KS](http://www.arrl.org/sections/?sect=KS)

June activity reports are the content of this article.

ARES zone reports from 15 of our more active EC indicate 111 net sessions with 803 QNI and 33 pieces of traffic handled. Army MARS in Kansas reported 4265 an Hours of activity from 28 members and 849 messages originated. QCWA Chapter 110, Kansas repots 4 net sessions and only 29 check
ins for the month. QCWA'ers and also new candidates are welcome to meet with N0LL each Saturday morning at 7:30 AM on 3920 kHz.

State RACES net 1st Thursday each month 3940 kHz also welcomes all checkins. Especially from those counties who very seldom are recognized on the net. Contact Joseph, WD0DMV for more info if needed. June QNI was from Shawnee, Lyon, Wyandotte, Montgomery, Smith, Elk and Mitchell counties.

Our state traffic nets and the Kansas Weather net could also use your QNI more often. More info on these nets are found on the state ARRL website. Become a part of the active Public Service group here in Kansas. Your participation is requested. Join the Kansas networks system.

I also hope everyone active is planning on attending the state ARRL convention at Salina August 17.

'til next report

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 net at 6:30 PM.

ARRL KS AST. SECTION MANAGER "Youth"

Emily KCØPTL

No Report
SALINA - NEW MADRID EARTHQUAKE EXERCISE CANCELLED

I personally enjoy coming to Salina each year ... as I love the opportunity for this once a year meeting with many of my friends and SATERN members. However, SATERN will not be holding a meeting in Salina this year, my personal plans for that weekend has required me to remain home and entertain
my family. With 9 birthdays in our family during August and September, it is sort of like Christmas in August. A special treat is my brother from Florida, whom we usually only see at Christmas time, will be here to help in the celebrations. We do plan to see you all next year!

The need by The Salvation Army [and other agencies] to get damaged road and bridge reports after the New Madrid Earthquake is extremely important and absolutely VITAL to their disaster response. I was asked by Dee Smith our Division Director to provide a "plan" to receive these reports for our Kansas personnel who will be expected to respond with supplies and volunteers. My efforts to organize and hold an Exercise on October 4th was to fulfill that need. In my 11 years as a ham leader, I have usually found getting the "agencies" to participate in a "ham exercise" to be the biggest challenge and in many instances impossible. However, in this situation, I had a tremendous response from many agencies who wanted and needed this information and were willing to be involved...even on a Saturday! It is with disappointment and regret that I must inform these agencies that I am canceling this planned exercise due to the lack of support from the ham organizations needed to make this happen. Without the support of Missouri ARES we have decided to look at alternative ways to find the needed information without using ham operators. The SATERN members will be conducting activity on October 4th, but only in support of The Salvation Army needs.

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!

June Jeffers KB0WEQ
KS ARRL DEC - Liaison to The Salvation Army
KS & Western MO [MO-KAN] Division S.A.T.E.R.N. Coordinator
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, NBØZ  I am Net control on Monday, Fridays and Saturdays at 10 PM. Been doing that for 30+ years... Orlan

SILENT KEYS:
EDWARD C. THOMAS - KC0TIG

Edward C. Thomas, 66, of Kansas City, Kan., along with his son, Jacob A. Thomas, died Sunday, July 13, 2008, at home. A joint service will be 1 p. m. Friday, July 18, at the Chapel Hill-Butler Funeral Home. Friends may call from 6-9 p. m. Thursday at the Chapel Hill-Butler Funeral Home. Online condolences may be expressed at www.Highlandparkfh.com. Mr. Thomas was born November 10, 1941, in Kansas City, Kan., and was a lifelong resident. He was a factory foreman for the Thermo Dynamics Corporation, retiring in 2003. He was a member of the Jayhawk Amateur Radio Society (JARS) and was an Air Force Veteran. He is survived by
four children, Nick Thomas of Roeland Park, Kan., Elizabeth Thomas of Kansas City, Kan., Laura Erickson and Christy Cornwell, both of Des Moines, Iowa; his mother, Careylee Thomas of Merriam, Kan.; two brothers, Clifford L. Thomas of Kansas City, Mo., and Ronald R. Thomas of Olathe, Kan., and five grandchildren, Brian, Dominic, Schyanne, Seth and Andrew. (Arrangements: Highland Park Funeral Home & Crematory, State Avenue at 41st Street, Kansas City, KS 66102, 913-371-0699.)

Published in the Kansas City Star on 7/16/2008

Thanks to William, KB0SAU, for alerting me to the availability of this obituary.

**07/22/2008 Donald E. Clendenin - N0NWZ**

Donald Edgar Clendenin, 81, of Pittsburg died Sunday, July 20, 2008, at his home.

The son of the late Walter and Barbara Clendenin, he was born May 23, 1927, at Steelville.

He served in the U. S. Navy during World War II. He worked as an air traffic controller and retired as a computer analyst for the F. A. A.

Survivors include his wife, Ardith; three sons, Neil Clendenin, K0GXL, Kansas City, Ronald Clendenin and wife Mary and Alan Clendenin, all of Phoenix, Ariz.; one brother, Thomas Clendenin, Bland; and one sister, Grace Foerwiser, Steelville.

A sister, Alice Moon, preceded him in death.

Visitation will be from 2 to 4 p. m. Wednesday, July 23, at Murray Funeral Home, Bolivar, with cremation following. Online condolences may be made at www.murrayfuneralhomes.com. A00008B2008JL23

<http://www.zwire.com/site/index.cfm?newsid=19864616&BRD=2841&PAG=461&dept_id=611093&rfi=8

**WØJRW - Jack R. Wood, Abilene (formerly KB0LWE) Silent Key**

*Be sure to keep your Section Manager informed of any silent keys in Kansas so he can get them published in the QST. Please CC me while you are at it for the KAR newsletter.*

73, Orlan w0oyh – w0ouh@arrl.net
TIME CHANGE:  a <SNIPET> FROM “LL”

WØFEN send this:

For those that watch these things, I noticed last night the flag had been set in my GPS systems indicating a leap second is pending. We'll have +1 second added at 23:59:59 Dec 31, 2008 _UTC_ It will be the 61st second of the hour and is written as 23:59:60

[http://www.timeanddate.com/time/leapseconds.html]

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KANSAS STATE ARRL CONVENTION:

AUGUST 17 2008


The following is the list of events to be held at the

2008 Kansas ARRL State Convention

August 17, 2008

Talk in on the WØCY Repeater 147.030+ (NO Tone)

CLICK>>>MAP

If you wish to reserve a space for a meeting, e-mail Ron, WAØPSF

0800   Doors Open to the Public
0830 to 1000  VE Testing Room 203 C
0800 to 1600  Ladies Activities Room 201
0900 to 1000  Kansas Skywarn Meeting in Room 203 AB
1000 to 1100  Kansas MARS Meeting in Room 203 C
1000 to 1200  ARRL and Kansas Section meetings  Room 203 AB
Section meeting will open with Stan WAØCCW presenting the 2008 Ks Amateur of the Year.

1200 to 1300  QCWA Meeting and Lunch in Room 200-202 ABC
1200 to 1300  Lunch. Either on your own or in the hall. Concessions provided by the Bicentennial center.
1300 to 1400  Kansas Wing, Civil Air Patrol Room 203 C
1400 to 1600
1600  Convention closes

Last Updated 07/16/2008 21:12:58

MAP - ARRL KS CONVENTION Sunday August 17, 2008
I was walking past the mental hospital the other day, and all the patients were chanting, '13...13...13'.

The fence was too high to see over, but I saw a little gap in the planks, so I looked through to see what was going on when Some idiot poked me in the eye with a stick!

Then they all started chanting '14...14...14'

The graveside service just barely finished, when there was a massive clap of thunder, followed by a tremendous bolt of lightning, accompanied by even more thunder rumbling in the distance.

The little old man looked at the pastor and calmly said, '

Well . . . she's there.'

Why, Why, Why do we press harder on a remote control we know the batteries are getting dead?

Why do banks charge a fee on "insufficient funds" when they know there is not enough money?
LETTERS TO THE EDITOR:

Hi Orlan. Great issue of KAR as usual. Yegads!!! 15 pages? How do you get so much input? Anyway, Chuck Skolaut KØBOG will be our ARRL Representative at the convention again this year. Thanks for all the publicity. With gas prices the way they are, we may not have as good a turnout as past years. I would recommend carpooling with other hams to split the cost. We would like to see a good crowd again.
73 de Ron WA0PSF

Thanks Orlan, great report and but was disappointed on the 40 WPM video, only hear a few diddy-da-diddies in the background, thought there may be some running. Lots of good information though. 73s John...KAØJMO

Subject: Article in KAR

Well there I was with your old Triton on the shop bench trying to redo the dial cord. and wondering where I could get a new one. when my email box pinged to let me know that I had mail. So needing a break I opened to read the KAR. Well imagine my surprise when I got to the bottom of Tom's (EAJ) article and there it was "How and where" to get a tentec dial cord!! Boy some one up there was lookin after me...73

To: Tom WBØZNY

YAH..! UR gonna get the old rig going.

See it pays to read KAR. TU 4 the reply Tom.

73, Orlan w0oyh

Pictures of the AK9D (Dog Hollow Contest Group) Field Day.

We were a simple (ie, small) 2A site.

73 de Philip, WV0T

<<<<<><<<<<><<<<<><<<<<><<<<<><<<<<><<<<<>

Thanks, Phil!

Larry, W0AIB

Orlan, I thought you might like to see this funny one and also the useful website.

Chuck KØBOG at ARRL

A REWARD OF 500 MICROFARADS IS OFFERED FOR THE INFORMATION LEADING TO THE ARREST OF HOP-A-LONG CAPACITY. THIS UNRECTIFIED CRIMINAL ESCAPED FROM A WESTERN PRIMARY CELL WHERE HE HAD BEEN CLAMPED IN IONS AWAITING THE GAUSS CHAMBER.

HE IS CHARGED WITH THE INDUCTION OF AN 18 TURN COIL NAMED MILLI HENRY WHO WAS FOUND CHOKED AND ROBBED OF VALUABLE JOULES. HE IS ARMED WITH A CARBON ROD AND IS A POTENTIAL KILLER. CAPACITY IS ALSO CHARGED WITH DRIVING DC MOTOR OVER A WHEATSTONE BRIDGE AND REFUSING TO LET THE BAND-PASS.
IF ENCOUNTERED, HE MAY OFFER SERIES OF RESISTANCE. THE ELECTROMOTIVE FORCE SPENT THE NIGHT SEARCHING FOR HIM IN A MAGNETIC FIELD, WHERE HE HAD GONE TO EARTH. THEY HAD NO SUCCESS AND BELIEVED HE HAD RETURNED OHM VIA A SHORT CIRCUIT.

HE WAS LAST SEEN RIDING A KILOCYCLE WITH HIS FRIEND EDDY CURRENT WHO WAS PLAYING A HARMONIC.

Handy site: [http://www.allmyfaves.com](http://www.allmyfaves.com) just click on your selection

**Roger, we finally were able** to get the MARS back into the CW, so it has been interesting to hear some of the CW coming through, but it has been about twenty years since MARS had CW. And, I had not kept up much with it, other than getting on the State CW nets once in awhile. I have never really lost the code in my mind though and enjoy it yet. 73s

John...KAØJMO

**Here is another terrific** newspaper account of an area (Douglas County Amateur Radio Club) field day event:


or, if broken, try:

<http://tinyurl.com/6lstwu>

Thanks to Stacey (missed her call sign) for alerting me to this!

73,

Larry, W0AIB

**Orlan: Thank you for those reports.**

Sure keeps me informed.

By the way I was just notified by Bob Summers k0bxf that I have been appointed as EC for the D1 ARES zone (Pott and Jackson Co).

Question.

I believe that you used to periodically publish a Kansas ARES map with all the designees on it. Is that still available somewhere?

Thanks

73 wv0r Herm  Congrats Herm……. Orlan

**Please offer CONGRATULATIONS** to Bob Roske, N0UF, formerly of our area, for being elected to the presidency of the Quarter Century Wireless Association (QCWA). His email address: <broske@hutchtel.net>. If any would like to know more about this terrific organization, contact Bob or address: <http://www.qcwa.org/>.

73,

Larry, W0AIB
Orlan, Since late last year, rumors have been circulating that a major network or cable station was going to do a special on tower erectors. NBC confirmed it today, and their "Tower Dogs" special will air on July 21 at 10 P.M/ET.

For an overview of the one hour special, the background on the producers and some production shots and notes, see:
http://www.wirelessestimator.com/breaking_news.cfm

Reading this brought back memories of my broadcast days in Great Bend and seeing the various tower people climb our 1000 foot tower at Ch 2. I’ve talked to Bruce a couple of times when he’s been between meetings the last day or two here at headquarters, today and Saturday they are busy with meetings at the hotel near the airport. Tell everyone he’s hard at work.

I sure was sorry to hear about the father and son killed in Kansas City while putting up a ham antenna. I also came upon this YouTube about Barry Goldwater from yesteryear, I remember having a short QSO with him years ago. We have a nice picture and information about him in our hallway here at headquarters.
www.youtube.com/watch?v=5Jss9FYmzq8

73 and have a good weekend,

Chuck KØBOG

The August 2008 Grounded Grid is online:

And as always you can get the back issues at
http://warc1.org/grid/

David Hagood

> Now, if only I had a keyer on my cell phone...... hmmmm I
> always knew there was a reason I hated texting so much..
> 
> http://www.youtube.com/watch?v=mQaXjgfAqkQ&feature=related

John McClain - KFØIN

Thanks Orlan, That was a good show about the tower climbers. Yes, I’m very happy to say I will be coming for the Salina hamfest again this year. It’s always good to see everyone and catch up on the Kansas news direct, plus I don’t want to lose my accent, hi. I hope you are keeping cool, I’ve been hearing you are trying to fry eggs on the sidewalk again.

73,

Chuck, KØBOG

Good info Orlan, Thank you. Jack ---------W0VRU
Yes that is just one nice setup. But at those prices one can only dream. I took today off from work to replace my antenna. I got tired of that #12 stranded breaking every 2 or so years so now I am using 200 feet of #10 stranded. It costs an arm and a leg but I should never have to replace it again. (famous last words). That’s the price one pays when one uses trees as sky hooks.

I have been playing with your old Triton on 40M DX. The receiver section on it is a dream for CW. it has VERY low noise floor. Anyway having some ham fun with it

also I did some audio mods to the Johnson Valliant and hopefully soon I am going to add some EQ to the audio chain if I can ever afford it. On the construction front I am mentoring Joe (KF0XV) thru the ins and outs of High voltage power supply construction. He needs on for the ART-13 surplus military AM/CW transmitter he has acquired. About all we need is a 27V 10 amp filament transformer for it now and it will be ready to construct.

That’s all the news that’s fit to print from here

73/WBØZNY

Orlan, please add Joe Scalet, WK0G, to the address list for your KAR (Kansas Amateur Radio) enewsletter. Joe mentioned this morning that when he is in Denver he often gets to visit with T. Carl, W0EAIJ. I said that I have enjoyed reading the messages that T. Carl sends to you and you send out in KAR.

Joe, is one of the good guys, right T. Carl?

Larry WØAIB – Larry’s List ed Welcome Joe!!!! Long time no C U....... Orlan

Why does Superman stop bullets with his chest, but ducks when you throw a revolver at him?

Why do Kamikaze pilots wear helmets?

Whose idea was it to put an "S" in the word "Lisp"?

If people evolved from apes, why are there still apes?

Why is it that no matter what color bubble bath you use the bubbles are always white?

Is there ever a day that mattresses are not on sale?

Why do people constantly return to the refrigerator with hopes that something new to eat will have materialized?
Tom's Key-Stroke - WØEAJ Denver, Co.

Displaced Ks neighbor
Kevin's NØKFNL key....

I'm chuckling here... leave it to a ham to figure out a novel way to change the "weighting" on his key.

I had my Vibroplex Presentation Deluxe "U.S.N." model mounted on an off-center piece of steel... at sea, I'd clamp it to the op position with a pair of rusty Vice Grips - looked like heck, but worked fine.

Tom

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

Yah I noticed that, hi hi. It sure was not a key-board and monitor CW arrangement. I hate seeing some one reading CW off a screen and sending with a key-board and calling it CW.

They are not using their brains to receive or send CW but the brains of the software writer.

In a few years we will go out and set up a FD
site and go home and let the automated gear
do it all except tear down, pack up and go home.

I know, I know, I am getting TOOooo old.

73 OTer, Orlan w0oyh

-------------------
Well... maybe THEY'LL do it that way, but the Dummy Load Society will still be erecting long wires
and center-fed zepps from cliff faces and pine trees, and there won't be a screen to be seen, except
maybe for the mosquito screen on the front of the tents.

I guess the new stuff is good to see, in that the hobby moves on, but automatic stuff is best left at
home. After all, if it hadn't been for "progress", we'd still be on 200 meters.

One time on Guam Island, I took my Heathkit Twoer out on a palm-tree raft, with the vibrator supply
and a truck battery... worked marine mobile for FD... thank God I didn't get far, and that the Twoer
didn't get wet.

Tom

-----------------------
Now that sounds like a real FD operation........ Orlan

It was a cool day in February of 1966, I drove over to Roeland Park, and picked up this 1941
Hammarlund Super-Pro from a fellow on 51st. street. It not only consisted of the receiver... but also,
the power supply, and the matching speaker. It looked so darned good, I got it home and after
"refreshing" the wrinkle paint with Pledge on a rag (spray the Pledge ON the rag, then the rag rubs it
on the wrinkle... sounds like an Ink Spots song, doesn't it?), I set it up in my apartment. Then came
the Central Electronics 20A exciter, the 458 VFO (made from an ARC-5 with a fancy box), and the
600L linear amp (should have been called the 600 LB in honor of it's weight). A most impressive
looking station. When I traded it ALL to Ellis Eldrid at the "ham shack" at Burstein-Applebee for a
nearly new SWAN 500C, somehow it seemed as if I'd lost something in the translation.
This was sent to "Hints & Kinks" at ARRL HQ, with reference to their "H&K" in the May 2008 issue.

Hi Dean,

Being in the commercial fire alarm industry, I deal with a LOT of gelled lead-acid batteries; the most common size being the 7 ampere-hour (as mentioned in your column). Having been in the industry since 1982, I speak from experience when I tell you that the "expected" life of these batteries is around 3 to 4 years in average service. As a matter of fact, our fire codes REQUIRE these to be changed at 4 year intervals. Now... you may get more life from them, but you can only DEPEND UPON THEM for 3.5 to 4.0 years - considering the name-of-the-game is emergency preparedness, I’d paraphrase my Uncle Bill’s admonition about motor oil and motors, this way: "Batteries are cheap, lives aren’t!"

I'd also comment on testing them; nothing works as well as a REAL LOAD. Old automobile headlights draw about 3 to 4 amps @ 12vdc, so make a great test load (plus you can SEE the rate of change). I made my test-load from seven (7) old "BED" (body-end-dot) 47 ohm 10w resistors in parallel (that’s 6.7 ohms, which at 12vdc, yields a current draw of 1.79 amps, and at 24vdc (typical fire
alarm control panel voltage) gives you a drain of 4.02 amps. All the new "fancy-schmanzy" testers I've tested have been outshined by this tried-and-true method, which provides "real life" information.

Lastly... DO NOT keep those batteries on charge, all the time. You MUST cycle them (some chargers do a pretty good job of this). As we learned in the Navy... Never depend upon something that you haven't maintained AND tested, properly!

Best 73

Tom Dailey - WØEAJ
Denver

As this information is NOT in the manual(s), I thought I'd pass it along, for your use... and for further transmission to whatever websites could post it.

Parasitic Suppressors for Johnson Viking Valiant

Modulator Tubes - 22 ohm CARBON / 1 watt (DO NOT upsize them, they are "fuses" to protect the circuit in case of shorted tubes)

Final Tubes - 47 to 68 ohm CARBON / 2 watt or 3 watt MOF (metallic oxide) (preferred)

TC Dailey - WØEAJ
------------------------------------------------------------------------------------------------------------------
I discovered the resistor values for the parasitic suppressors for the Johnson Viking Valiant (which are NOT shown in the manuals)

Modulator Tubes - 22 ohm carbon @ 1 watt (DO NOT UPSIZE THESE - they act as "fuses" in case of tube element shorts

Final Tubes - 47 to 68 ohm carbon @ 2 watt...... OR....3 watt MOF (metallic oxide) PREFERRED

Hi, Just got the Valiant fixed. Bought it from a fellow who said it blew fuses - I suspect so, considering what I found:

6BY5 duo-diode bias rectifier tube - dead-shorted between pins 1 & 7 (filament to cathode 2)... but WAIT - there's more.

built a solid-state version of the tube (2 1N4007 diodes w/ 10 ohm 1 watt resistors in series with each leg... inrush prot... and it still drew too much current.

So... got to looking at the replaced electrolytic capacitors in that circuit - Joila!.... a common and easily done mistake was that he installed the caps with their (-) side to chassis ground (okay if it's a positive voltage, but we're talking BIAS here... that's negative)... so I removed 'em, and soldered them in with their (+) leads to ground... shazzam...
Brought it up with the variac, and taah-daah...

I'll mate it up with my Hallicrafters SX-62A, and we'll have a REAL boatanchor station...

Tom

It lives!

After making a solid-state replacement for the shorted 6BY5* Bias Rectifier (I couldn't find one), and reversing the polarity of the electrolytic caps for the Bias Supply (in backwards - REAL easy mistake to make... I've done it), tightening up all the hardware, replacing C-93, and resoldering a few joints here-and-there, I finally got the courage to FULLY light it off tonight. (those 3B28's get your attention)...

Brought it up slowly on the Variac, and the oscillator was cooking great; I could hear the VFO on my receiver... It did have drive... through-the-buffer, and to the grids, AND I could peak it...so I thought - go for broke.

Flipped that switch up, the 3B28's glowed, and I had plate-current. It loads up fine, and audio works. The 6146's are a tiny bit weak, but hey... no fuses being blown anymore, and it makes all the right sounds and noises... without anything going into "smoke mode".

I think we have a winner.

Now, I'll zero in the VFO, and set all the bias voltages and such, and then figure out WHERE to put IT and my Halliscratcher SX-62A, as my "vintage" rig.

* A pair of 1N4007 diodes (2.5a 1kv PIV), each with a 10-15 ohm 1 watt resistor in series (inrush current protection)... from cathode to plate pins (inside the tube base from an old octal tube). Not only does it work well, but is cheaper, and reduces the load on your filament transformer by 2 amps.

------

Walt,

Did you ever notice that BOTH jewels (front / VFO-panel pilot lamps) are RED? The filament is supposed to be GREEN? Did you also ever notice that the filament pilot LAMP ASSEMBLY isn't there, either? Due to the riveted tube-sockets, this means the xmtr was FACTORY BUILT. So...... apparently, they NEVER put the socket & bulb in, or it was removed, somewhere in it's history.

(geez... I'm gonna be famous..... well, sort of)

----- Original Message -----  
From: St Andrea, Steve, WB2GYK  
To: daileyservices@qwest.net  
Cc: Weinberg, Maty, KB1EIB  
Sent: Friday, July 25, 2008 11:20 AM  
Subject: H&K Hint

Tom,
I would like to use your submission, tentatively named "More on Emergency Batteries" in the Hints &
Kinks column. I am not sure just when I may be able to schedule your Hint, because I have quite a bit
of material on file right now, but I will let you know when I do select your article for an upcoming
column.

With a copy of this e-mail I am asking ARRL Production Coordinator Maty Weinberg to send you a
release form for this article. When you receive the form, please sign it and return it to Maty, so she
will have it on file when I am able to schedule your article for publication. (Maty usually sends out the
release forms a couple of times each month, so it may be a couple of weeks before you hear from
her.)

I have your address information as:

Tom Dailey – WØEAJ
270 South Lafayette St
Denver, CO 80209

Thank you for sharing your submission with other Hints & Kinks column readers.

73,

Steve Sant Andrea, WB2GYK
Assistant Editor, H&K, QST

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My "Classic Vintage AM Station". Both are 1954 Vintage, and I've restored the receiver,
and just repaired the transmitter. 275 watts on CW, and 200 watts on plate-modulated AM phone.
From the daze of when you could SMELL a ham-shack by the luxurious scent of "burned dirt" on top
of the tubes, warm capacitor wax, the faint scent of warm resistors & wiring. Yes - on occasion the
"scent" of things rose to a crescendo of SMELL when something burned up, but typically, it was just
that lovely perfume that ONLY hams and old radio folks know.

At Shawnee-Mission North HS, we had the Valiant's little brother... the "Ranger"...
http://www.rigpix.com/efjohnson/ranger.htm, downstairs... right next to a Hallicrafters SX-99
receiver... http://oak.cats.ohiou.edu/~postr/bapix/SX99.htm - look in the '61 yearbook, and see me
and Bill Cook (KNØIFG at the time) sitting in front of them.

How many new hams will know the incomparable thrill of seeing the meter on their home-brewed
transmitter wiggle when they adjust the grid-drive for a PEAK, and the plate-current for a DIP? Will
they ever be driven to salvage an old transformer, found at a hamfest, or torn from an old TV set...
forgotten in the back of a garage and just now being thrown away, with the advent of Digital-mode
television... then wind a coil of wire onto a piece of plastic, and desolder the pins on some old tube-
sockets (they're hard to find now, too) so to be reused? Building a Lew McCoy 40/80 special, with a
single 6AG7, that maybe put out 4 watts on a good day - then using a light bulb for a dummy load
(those bulbs are disappearing now, TOO), and tuning for "maximum brilliance". Ahhh, my Mother's voice "Those radio wires are EVERYWHERE - Aughhhh!"

Yep, those cathode-keyed rigs could BITE YOU. The agony of a burned finger was only mute testimony to knowing that voltage WAS THERE, so it must be "capable" of working! To know that you were capable of TRANSMITTING a signal into the ether was... and is... an astounding bit of knowledge; I recall a 7th. grade science teacher at Old Mission JHS, engaging us in a discussion about such things as RF energy, and caused our youthful little heads, still filled with "mush" to consider the possibility that all RF energy, EVER transmitted, is still proceeding through space and time, so that perhaps if we could stick around long enough, we might hear our OWN signals, millenea from now. We hams can do more than wait - we can keep the old glow-in-the-dark "boatanchors" going. When we flip a switch (a real switch, not some silly button), and see the wall light up with orange dots of light, from the pilot lamps and filament glow coming out of the ventilation holes of an old radio - then hear the mystic song of billion-year-old static and key up our OWN transmitters, it just could be that Mr. Molotsky was right - it does go on forever.

Tom - WØE AJ

My "Classic AM Station"... gotta find a table STRONG ENOUGH to hold 'em both.

The Johnson Valiant transmitter is 22" wide, and 11 1/2" high

... the Hallicrafters SX-62A receiver is a half-inch less wide, and 1 inch less high.

The transmitter weighs 73 lbs.... the receiver 55 lbs.

(they don't call 'em "boatanchors" fer' nuthin')

Shortcut to:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=180270566142&ru=http%3A%2F%2Fsearch.ebay.com%3A80%2Fsearch%2Fsearch.dill%3Ffrom%3DR40%26_trksid%3Dm37%26satitle%3D180270566142%26category0%3D%26fvi%3D1
Aside from the SX-88, THIS is the other most collectable receiver IN THE WORLD. As the posting states, this is one of only 14, known to still exist. It is called "DDR" for Dual Diversity Reception... meaning you could listen to two stations transmitting the same signal on different frequencies, or the SAME station on the SAME frequency, but using different antennas - the idea being to NOT lose the signal due to ionospheric changes or locational nodes.

The large wooden cabinet that it's on is the SPEAKER. As far as I can see, this is TOTALLY ORIGINAL, and unmodified. If you have a pocketfull of cash, and you want the ONE radio that NOBODY else has... or most likely, will ever GET - this is it.

Tom - WØEAJ

Here's the link to ALL episodes of SKY KING... with Clipper, Penny, The Sheriff, and Sky himself. Shortcut to: http://www.americanflyers.net/entertainment/skyking.asp

Tom

Shortcut to: http://www.kk5im.com/pdfiles/mikeplugs.pdf

If it gets too hot this August, just look at this photo from Colby a couple of years ago…….