Hi gang, Don't miss this issues “Letters to the Editor” column. I don't know what happened but we sure got lots of good stuff this month. If you miss reading it, you missed this months KAR.

I hope everyone had a great time with the 2010 Field Day.

Now that is behind us, we must set our sights on the the ARRL Ks State Convention. Here is a way we can show others that we support KANSAS HAM RADIO, be there. I don't believe we can find a bigger air-conditioned building in Kansas for less $s to hold a convention than the Salina Bicentennial Center. We have lots of seperate meeting rooms. There is a huge parking lot with endless parking right out side the building. There are plenty of swap tables. Lets not forget the "The Central Kansas Amateur Club" who secures the space and sets every thing up for us. I checked the club's web page http://www.centralksarc.com/2010conv.htm and find no posting yet, We will see it B4 August issue.

◆ My first commercial receiver - Hallicrafters S-20R Sky Champion.  
http://www.youtube.com/watch?v=gloax6OFV4w&feature=related

◆ I had one of these too>>>  http://www.youtube.com/watch?v=gLE9X7nGnYs

◆ I am keeping this short because I want you to have extra time to read the “LETTERS TO THE EDITORS” column below, don't miss it.

◆ Below are some new URLs for the Ks web site. Please take the time to click on them and see.....

◆KAR newsletters>>>  http://ksarrl.org
◆ Kansas Section News >>>  http://www.arrl.org/Groups/view/kansas
◆ Ks ARES.>>>  http://ksarrl.org/ares
◆ Ks ARES map>>>  www.cenkareas.org
◆ Ks QSO Party>>>  www.ksqsoparty.org
◆ Newton ARC>>>  www.newtonarc.org
◆ Ks Skywarn>>> Skywarn, www.ict-skywarn.org
◆ Keep up with the world of ham radio, >>>>>  http://www.arrl.org/
◆ KC ham information >>>>>  http://www.kchams.net/larrys_list.html
◆ Midwest Division Home Page>>>  http://www.arrlmidwest.org/
◆ NF9L Kansas City page  http://kChamRadio.com
◆ To download and view the World Radio Online, go to the CQ home page at www.cq-amateur-radio.com, and click on the "WorldRadio Online" box.

73, Orlan wØoyh UR KAR ed and ARRL Ks Ast. Section Mgr.  w0oyh@arrl.net
Hope you had a good Field Day last weekend. Hot again on the East end with a little rain thrown in as usual. I visited clubs along US169 this year. Each one had a different approach to FD. They all set up in public places where there was easy access for visitors. They all got on the air and had fun as a group.

Thanks goes to Ken-KK0HF who picked up traffic addressed to me on the Phone Net Sunday morning. Groups reporting were: Phillipsburg, Hiawatha, Marshall Co., Sand Hills and Jayhawk.

I hope you are planning to attend our state convention in Salina next month. Central Kansas ARC is looking forward to you being there.

Band conditions have been up and down the last few weeks. I would have thought at this time of year things would be fairly stable but we are needing relays more than usual for this season. Maybe this means good DX is coming to the shorter bands.

Speaking of shorter bands, Johnson Co. RAC is now holding a net on their 440 repeater. Wednesday nites at 8P on 443.725 (151.4). You've been wondering what to do with the other half of your dual band, here you go.

73,

Ron D. Cowan, KB0DTI
ARRL Kansas Section Manager:
kb0dti@arrl.org

You will find Ron on the Ks Weather Net (as NCS some times) 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.

The Hallicrafter's TO-Keyer

One of the earliest vacume tube keyers, I used one for many years to send code.
July 01, 2010  
SEC KS  MAY2010 Activity June report

16 ARES Zones reporting 556 members registered 90 net sessions past month with  
716 QNI and 15 QTC.

QCWA Chapter 110 reported 5 net sessions and 42 QNI and the State SATERN group 
had 12 sessions and 137 QNI.

RACES NET IS BACK IN OPERATION.......First Thursday of month 4020 KC  7PM. WD0DMV welcomes all QNI.

Having some back problems here, hoping to have it in tow by end of next month. Don't like getting old and crippled too.

Don't forget the state convention August at Salina.

Stay cool as possible and hope for minimum of severe storms the next couple of months.

73,

Bob Summers KØBXF ARRL SEC KS  
RSUMMBXF@aol.com

◆ If you are looking for a downloadable Kansas ARES map or other information, go to www.cenkares.org

You can find Bob on the Kansas Sideband Net on 3920 kHz at 6:30 pm most evenings.
Well Field Day and the Fourth of July has now past us. The year is half gone. It sure went fast from my point of view. It won’t be long (a few months) and we will be talking about colder weather. I don’t like the cold nor more than I like the hot. Spring and Fall are my seasons. The next important date is the State Convention the end of next month. Hope you have your calendar marked and can attend. If you have not yet, please be sure to mark the first Thursday of each month for the Kansas RACES Net which meets at 7:00 pm on 3940 MHz. I would like to have as many counties in Kansas represented as possible. Hear you on the net. 73 Joseph WDØDMV

RACES report for Thursday July 1, 2010.

The following stations were heard:

<table>
<thead>
<tr>
<th>Call Sign</th>
<th>County</th>
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<tbody>
<tr>
<td>KBØDTI</td>
<td>Linn County</td>
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<tr>
<td>NYØT</td>
<td>McPherson County</td>
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<tr>
<td>KØBXF</td>
<td>Wyandotte County</td>
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<tr>
<td>WD7QOR</td>
<td>Leavenworth County</td>
</tr>
<tr>
<td>WDØDMV</td>
<td>Shawnee County Net Control</td>
</tr>
</tbody>
</table>

5 Counties 5 QNI Ø QNI

73,

Joseph WDØDMV State RACES Officer
wd0dvm@yahoo.com
AROUND THE SECTION

A long awaited project is now complete. The Garden City APRS Digipeater (K0SUN-8) and the Garden City Packet Node W0GCK-5 are now operational on the same antenna located at KSNG-TV tower 13 miles south of Garden City. A set of 2M duplexers were tuned to allow us to use the newly installed DB-224 antenna at approx 300’ for both digipeaters and is working great. I would encourage you to get out those old TNC from storage and fire them up on 145.010 and do some keyboarding and leave some msg in some mailboxes. There have been 2 new packet nodes go up in SE Colorado along with several nodes in the Ok and Tx panhandles along the 40M HF (7086.5 USB) gateways in Garden City, Scott City, Amarillo Tx, Odessa Tx and La Junta Co. to allow regional packet in SW Kansas, SE Colorado and the TX, OK panhandles as well as Odessa Tx.

Dale Urban NØKQX

Who out there knows what these are?
Answer to w0oyh@arrl.net
Published: Friday, June 18, 2010 3:24 PM CDT
A gathering of friends and family of James F. Placzek will be held at 10 a.m. on Wednesday, June 23, 2010, at Simonet Funeral Home in Stillwater.

Jim, 73, of Oakdale, former of Lenexa, Kan., died peacefully on June 16, 2010. He was born Sept. 11, 1937, in Stillwater, to Joseph and Muriel Placzek.

Jim was preceded in death by his parents, and grandparents, Constantine and Anna (nee Lassa) Placzek of Stillwater, and Fredrick and Marie (nee Lescarbau) Buck of Stillwater.

He is survived by brother, Gregory; sister, Mariann Hayes and brother-in-law, John Hayes; nephews, Michael (Robin) Placzek and Jeffrey (Melissa) Placzek; and niece, Jenny Hayes; great-nieces and nephews: Emily, Noah, Grace and Andrea; aunts, Anita (Gene) Buck and Janet Hall, as well as many cousins and dear friends from Kansas.

There will be a private family interment.

Simonet Funeral Home, 6429 Osgood Ave. N. in Stillwater, 651-439-7770, is handling the arrangements.

<http://www.stillwatergazette.com/articles/2010/06/18/obituaries/815obitplaczek.txt>

[Thanks to Ken Pepin, W0UKL, for sending us this obituary.]  <snip> from “LL”

◆ **WBØSRX - David Jacobs**, Paola

◆ **WØKOL- Howard Davis**,Topeka

◆ **WNØNW- Marvin Johnson, Overland Park**

◆ **Almon Ellington**
Published 6/29/2010 in Obituaries
Almon "Duke" Ellington, 95, of Garden City, died Saturday, June 26, 2010, in Florissant, Colo.
A graveside service will begin at 9:30 a.m. Thursday at Valley View Cemetery in Garden City.
Complete obituary information will be announced by Garnand Funeral Home of Garden City.

Read more: http://www.gctelegram.com/obituaries/6-29-10-notice-Almon-Ellington#ixzz0sHUzk7N9

Urban, Dale n0kqx

Be sure to report any Silent Keys to our Section Manager Ron KBØDTI so he can report them to ARRL for publication in the QST. Kb0dti@arrl.org
Net operated daily at 7 and 10 pm on 3547 kHz. 7 pm is the out going tfc into the NTS system and in coming 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

KANSAS STATE ARRL CONVENTION:
AUGUST 15, 2010

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

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

Bran Muffins
The couple were 85 years old, and had been married for sixty years. Though they were far from rich, they managed to get by because they watched their pennies. Though not young, they were both in very good health, largely due to the wife's insistence on healthy foods and exercise for the last decade.

One day, their good health didn't help when they went on a rare vacation and their plane crashed, sending them off to Heaven.

They reached the pearly gates, and St. Peter escorted them inside. He took them to a beautiful mansion, furnished in gold and fine silks, with a fully stocked kitchen and a waterfall in the master bath. A maid could be seen hanging their favorite clothes in the closet.

They gasped in astonishment when he said, 'Welcome to Heaven. This will be your home now.'

The old man asked Peter how much all this was going to cost. 'Why, nothing,' Peter replied, 'remember, this is your reward in Heaven.'

The old man looked out the window and right there he saw a championship golf course, finer and more beautiful than any ever built on Earth. 'What are the greens fees?' grumbled the old man.

'This is heaven,' St. Peter replied. 'You can play for free, every day.'

Next they went to the clubhouse and saw the lavish buffet lunch, with every imaginable cuisine laid out before them, from seafood to steaks to exotic deserts, free flowing beverages.
'Don't even ask,' said St. Peter to the man, 'this is Heaven, it is all free for you to enjoy.' 

The old man looked around and glanced nervously at his wife.

'Well, where are the low fat and low cholesterol foods, and the decaffeinated tea?,' he asked..
'That's the best part,' St. Peter replied, 'you can eat and drink as much as you like of whatever you like, and you will never get fat or sick. This is Heaven!'

The old man pushed, 'No gym to work out at?'

'Not unless you want to,' was the answer.
'No testing my sugar or blood pressure or...'
'Never again. All you do here is enjoy yourself.'

The old man glared at his wife and said, 'You and your natural bran muffins. We could have been here ten years ago!'

KIND OF BRINGS A TEAR TO YOUR EYE DOESN'T IT?

◆ Happens to me often.
As we Silver Surfers know, sometimes we have trouble with our computers.

I had a problem yesterday, so I called Eric, the 11 year old next door, whose bedroom looks like Mission Control and asked him to come over. Eric clicked a couple of buttons and solved the problem. As he was walking away, I called after him, 'So, what was wrong?'

He replied, 'It was an ID ten T error.' I didn't want to appear stupid, but nonetheless inquired,

'An, ID ten T error? What's that? In case I need to fix it again.'
Eric grinned.... 'Haven't you ever heard of an ID ten T error before?

'No,' I replied.

'Write it down,' he said, 'and I think you'll figure it out.' So I wrote down:

ID10T

I used to like Eric....
LETTERS TO THE EDITOR:
In July 2009, my father, Seymour Nathan “Nate” Salvay (W9KTC) died at the age of 93. Just a moment ago, I noticed that you published his entire obituary from the KC Star in your Aug-2009 newsletter. Thank you; it was lovely to re-read it. [http://ksarrl.org/kar/Aug_09_KAR.pdf](http://ksarrl.org/kar/Aug_09_KAR.pdf)

For the annals of your group, I would like to add a note. Dad was transmitting as early as 1931 from his parents’ home at 4033 Bellefontaine, Kansas City. He was so involved that, in 1934, when the (elder?) son of President Hoover came to Kansas City to visit with the city fathers about the preparedness of the citizens’ emergency radio network, that son visited none other than my father to see his installation and assess the readiness of private citizens to take command of the radio waves in the event of an emergency that would knock out local AM radio transmissions. I wish he were here to recount the story again, in his own words. If I am able to find him telling the story on video tape, I will send it to you.

Again, many thanks for remembering my father in such a lovely way. Being a “ham” and a pilot were the passions of his younger years.

Sincerely,
Craig Salvay
Prairie Village, Kansas

TU Craig for responding to KAR. I am sure there are a lot of Ks hams who will enjoy your your text very much. Orlan

◆ Hello: just want to say hello & let you know we are alive and well. We left KS on June 3rd in our 30' Motor Home & drove to CA for my last grandson's H.S. graduation. Also will get to see the rest of my families. It was a hot & windy trip. Took our time & stopped here & there & called a daughter who we were going to stay with for the first few days. W are in Loomis, CA now, then to Vacaville, CA & So Lake Tahoe. Also get to see friends after & then go wherever. First time we had no special time to be anywhere. Did take the 28 mi. trip around the Petrified National park. If you have never been there, you are missing a lot. It sure has changed a lot since I was there in the early 70's with my 4 small kids & Ross. Took some photos but also got their beautiful book in color.
We plan on being on the trip if all goes as planned most of June. Have Aug. 15th in my planner for ST. Convention in Salina. Hope to be there. Best to you & family. 73’s 88’s Helen WA6KHD

TU Helen for keeping us up with UR travels and we look forward to CNU in Salina

◆ Reading this brought back a lot of memories.

I enjoyed learning from Bill Epperson and Charlie Taylor to get my novice license along with learning from both of you at the club in the Red Cross building. Once I got going I enjoyed QKS-SS and listening to John and Otto send with their homebrew keyers afterwards for a ragchew. It inspired me to improve my cw speed.

I remember going to the Concordia hamfest one year with you both and also Salina one time. I remember John having a Clegg TR-22 in the car with a bunch of crystals which was really pretty cool for the time.

I remember seeing you, John, some years ago at GM coming out to work on a connection for our CAD terminals.

If I read too many things like this, I'll want to get going in radio again!

Hope you both are doing well and enjoying life. Thank for taking the time so many years ago to work with kids like me to get going in a great hobby- back then, it really took kind people like you to make it possible for a kid to get going. I think fondly of the years I was involved in radio and the people that took time to help me learn and have fun with it.

73 and bravo to both of you,

Paul Sykes
still K0XR (WN0KWI, WB0KWI)

◆ Hi Orlan,
Hope you are doing well.

It is a busy weekend here with the VHF contest going on.

Tx for sending the KAR.

FYI, there are two L’s in Jewell County.

The hospital group I work for is stalled on adding more amateur gear pending the FCC deciding how to deal with employees using employer equipment.

We have dual band radios at 3 locations.

The other hospital group in town has 2 dual band rigs with a TNC at each of 5 hospitals.

There are linked systems down here that are all medical related.

73

Steve TU OM, gud the hear from North Carolina.
Douglas County Kansas - ARES in the paper.

Subject: http://www2.ljworld.com/news/2010/jun/12/club-n/

73 Bill N1HWC

◆ LARRY, FROM “LARRYS LIST” SUGGESTED I SHOULD SUBSCRIBE TO YOUR EMAILS ALSO. PLEASE & THANK YOU,

ALAN KI7WO  Glad to have you aboard Alan. Orlan

◆ Ok, important safety tip. When your radios are not in use...unplug antenna, power, grounds....Why?

Well lets just say I may be off the air for a while. Had a lightening hit. either on the tree where the antenna was or a direct hit on the antenna.

melted/vaporized a large portion of the transmission line. a portion of one leg of the antenna is nowhere to be found. vaporized the clothesline pole wire that I had the antenna pulled up into the tree with ( wont use that again )

melted and or vaporized the ground point outside the house and blew off the plastic cover of the box the knife switches were mounted in. tripped 5 breakers killed the coffee pot and ceiling fan and a box fan. Sooooo... rats going to have to think long and hard about my next antenna!!...sure makes me skidish

Be safe, Tom WBØZNY  SRI to hear U got hit Tom. You don't need the extra work OM.

◆ Please add me to your newsletter list.

Glen Dikes KD0GIO  Glad to have you aboard Glen. Orlan

◆ Subject: please add me to the KAR email

73 de KD0JQF-John

Thanks,
John Donart, Senior Metrologist cqe
Garmin International
1200 E. 151st
Olathe, KS. 66062  Glad to have you aboard John. Orlan
◆ Orlan,

Saw information regarding your e-mail list on "Larry's List." I am a friend of Tom Dailey, and used to deliver "Meals on Wheels" to his dad, Carl.

Request, if possible, you subscribe me to your KAR e-mail digest.

73 de Mike
Michael W. Woolverton, MSG, USAF (Ret.)
AAM7AKS, AAR7JT, WB0ZPW, SV0AC
Kansas State Admin Officer, Computer Technical Advisor,
and Region 7 Phone Patch Team Leader
US Army Military Auxiliary Radio System (MARS)

◆ Subject:  Staying at a Hotel - this is worth reading.  FROM: Herm WVØR

Always take a small magnet on your holiday, they come in handy at the end of it. Thought you all needed to know this

This is pretty good info. Never even thought about key cards containing anything other than an access code for the room!

HOTEL KEY CARDS

Ever wonder what is on your magnetic key card?

Answer:
*a. Customer's name*
b. Customer's partial home address
c. Hotel room number
d. Check-in date and out dates
e. Customer's credit card number and expiration date!

When you turn them in to the front desk your personal information is there for any employee to access by simply scanning the card in the hotel scanner. An employee can take a hand full of cards home and using a scanning device, access the information onto a laptop computer and go shopping at your expense.

Simply put, hotels do not erase the information on these cards until an employee reissues the card to the next hotel guest. At that time, the new guest's information is electronically 'overwritten' on the card and the previous guest's information is erased in the overwriting process.

But until the card is rewritten for the next guest, it usually is kept in a drawer at the front desk with YOUR INFORMATION ON IT!

The bottom line is: Keep the cards, take them home with you, or destroy them. NEVER leave them behind in the room or room wastebasket, and NEVER turn them into the front desk when you check out of a room. They will not charge you for the card (it's illegal)
and you'll be sure you are not leaving a lot of valuable personal information on it that could be easily lifted off with any simple scanning device card reader.

For the same reason, if you arrive at the airport and discover you still have the card key in your pocket, do not toss it in an airport trash basket. Take it home and destroy it by cutting it up, especially through the electronic information strip!

If you have a small magnet, pass it across the magnetic strip several times. Then try it in the door, it will not work. It erases everything on the card.

Information courtesy of: Metropolitan Police Service. TU Herm for this bit of info.

◆ Would you like to know why 50 ohms (sometimes 72 or 75 ohms) was selected as a standard? Robin Cross, W0FEN, sends us this URL:

<http://www.microwaves101.com/encyclopedia/why50ohms.cfm>

Robin Cross, Chief Engineer, WØFEN  <snip> “LL”
KCUR-FM 89.3 MHz
University of Missouri - Kansas City

◆ Everything you always wanted to know about microwaves (no, not ovens), but had no idea of.. TO ask. http://www.microwaves101.com/


◆ The June 2010 Issue of QSP is now on line at:

http://www.centralksarc.com/qsppage.htm

For those that get their copy via the USPS, "It's in the Mail!"

Sid  N0OBM  QSP Editor

◆ this is for those of you that are ham radio operators and for those that are interested in studying for the exam. this magazine is called emergency management and it is the may/june 2010 issue.

on pages 58 and 60 is an article about how amateur radio operators fill communications gaps and provide situational awareness to emergency officials.

ham radio is more than just talking to fellow hams across the world. when all other modes and means of communications fail and they have, amateur radio operators can and do get the word out to the rest of the world. http://digitalmag.govtech.com/EM/EM_Mag_May10.pdf

Doc
Maine.... The Way Life Should Be

Kevin Badger NØUKM
Larry,

It's time to dust off and power on those HF rigs, if you have done so in awhile.

Sun spots are back and making the news!

<http://www.weather.com/blog/weather/8_22170.html>

This is great news for those of us who have patiently waited and held onto our HF gear for the last 20+ years. If you think 2 Meters is fun, wait until you are discussing lifes issues with somone on the radio, and then suddenly realize that through the magic of radio, you are communicating directly with them while they are on a remote island or a boat in the middle of the ocean. No internet, no wires attached, just two radios with antennas, which are completely under your control.

Steve Deines, N0TES
<sjdeines@yahoo.com>

<http://www.chameleonantenna.com/>

Saturday afternoon and again Sunday, 6M, was open to everywhere it seemed. SMIRK contest was exciting with my 5W, to a squalo at 20 ft and battery power.

Rod Hogg, KØEQH    <rodk0eqh@wbsnet.org>

Dear List Members (hams and non-hams):

Should you want a fine media article about the work done by amateur radio during Hurricane Katrina, I recommend this one:

<http://picayuneitem.com/lifestyles/x1703932625/HAM-radio-continues-to-serve-the-public>

This might be a good "softening up" article to give to a media reporter you are trying to get to cover your Field Day event.

The author is Larry Wagoner, N5WLW, the Mississippi Section, Public Information Coordinator. He submitted it to the ARRL PR reflector.

73, Larry, W0AIB

A visit to MARS. THIS IS WHAT SOME IN MARS USED TO DO BEFORE SATPHONES AND CELLPHONES REPLACED THIS ASPECT OF MARS. THE MOVIE IS ON LINE AND IS 28:40 IN LENGTH. I NEVER RAN ANY MARS PHONE PATCHES BUT I HAVE RAN PATCHES TO THE CANAL ZONE ON THE HAM BANDS AROUND 1975 TO KZ5JA'S FOLKS HERE IN GREELEY EVERY OTHER WEEK ON 15 METERS. I ONLY RECEIVED AND DELIVERED OR RELAYED MARSGRAMS AS WELL AS RAN MANY LOCAL CWAM NETS FOR THAT PURPOSE. OJ K0OJ/AAR8AV

73, OJ – KØOJ    A TU Orlin from Orlan.
I'm STILL here in Clinton, Arkansas.. so hold the replies...... but THIS I had to share:

I'm waiting around until about 4 pm to head down for my daughter's wedding... so figure I'll pass the time by going over to the Wally World that's right behind the motel... so I'm walking about, looking for toiletries and I ask a WalMart person... "excuse me, where would I find toothpaste?" The lady looks at me and says... and this hit me just PERFECTLY... "For which one?" - I'm sure SHE meant WHICH BRAND... but it hit ME as WHICH TOOTH.

I had to walk away....

Tom

...HOPE YOU ALL HAD A GOOD 4TH OF JULY ....OUR FIREWORKS DISPLAY HERE IN DC WAS RAINED-OUT, 'TILL TONIGHT, WE HOPE...HAVE A SAFE & HAPPY SUMMER....GAYLON.....gr

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

www.nostalgiakitscentral.com actually shows MANY kit manufacturers - Knight, Heath, Conar, Precise, and others. Today, kits are not "dead", as Qkits, Ramsey, and TenTec still offer some good quality stuff. www.tentec.com has a variety of them, including a really stable "add-on" BFO for older receivers that never came with one. (I've installed these in a few Hallicrafters S-38's and such, that used the I.F. feedback "gimmick" principle that never worked very well).

If you ever want to read a splendid book on Heath Amateur gear, go buy Chuck Penson's book "HEATHKIT - a guide to the amateur radio products"... wherein you'll find out that he gives credit (if that's the word) to Yaesu's FT-101 transceiver as "the radio that killed Heath in the amateur market". Not far off, as the Ft-101 (and all it's variants) offered everything you needed in ONE BOX. It was stable, it was pretty, it was reliable (many are still on the air and have never had the covers off), it had it's own power-supply ALREADY, it had accessory items and outputs of many kinds, and... it came, already put together: www.qsl.net/nw2m/

I've always been a fan of the "grey-front" radios - especially, the Kenwood TS-520's & 820's (later on, the 530's & 830's). These things were built like tanks - didn't break much, and had SPLENDID receivers. The Toshiba 2001 tubes (better than their 6146B counterparts) in the finals, lasted for YEARS and still command high prices for NOS ones that people find in the back of their shacks and decide to sell! They too, had NUMEROUS accessories, including matching speakers, scopes, antenna "tuners", phone patches, station controls, and such. Later, came the DG-5 frequency display (predecessor of ALL radios, today); this later INCLUDED as a pretty blue "gas" display in the 820 & 830 versions. They were simple, very easy to use, used "intuitive" controls (no darned menus), and the analog dials were surprisingly accurate when zeroed with the calibrator. The real BEAUTY of all of
the "transceiver" type radios (Swan, Kenwood, Yaesu, Drake, Collins, etc) was that you DID NOT NEED an "antenna tuner". It came with it - they called this a "pi network output" (for final tuning), and they'd typically match any antenna from about 30 to 300 ohms impedance or higher. NOTE: Look at the schematic of most tuners today - you're seeing a variation of the pi-network right there. That was the beauty of TUBE FINALS... very forgiving of stupidity, and would "talk" to just about anything you could throw up in a tree.

SWANS were another critter, entirely. Innovative for doggone sure, they required care in tuneup. I figured out, early on, that I should NEVER use the "tune" position. It drove the snot out of the finals, and if left on for more than a few seconds, would almost guarantee a pair of "soft" final tubes. Ahhh, and replacements HAD TO BE MATCHED. We're not talking "similar"... we're talking EXACTLY. I once tried to find a few pairs of 6LQ6 sweep tubes for a SWAN 500, out of more than 200 that we had in the warehouse... I used a military TV-10 tube tester (quite possibley the finest tube-tester ever made), and found about 5 that "appeared" to be the same... nope - No Joy... now, realize that this provides 120 possible combinations x 2... I tried 'em all - sure nuff... one would GLOW RED, and the other wouldn't pass power. I finally gave up, sent off to CUBIC corporation (who took over SWAN) for a pair of "matched finals", and sure enough, they worked fine. The procedure (which still works on my restored SWAN 350 & 500C) is to zero the mic-gain, offset the carrier-balance a bit, which is a front-panel control on these, key the mic then peak the grid (drive) and plate for max RF output on the "relative power" meter, unkey... then rezero the carrier balance with the mic keyed... unkey, then turn up the mic-gain again, and there ya are.

Purists will tell you that the electrical conditions under FULL power are different than under minimal power - I was still using the ORIGINAL tubes in my SWAN 500C, some 15 years after they were put in - bet the purists replaced theirs a few times.

Speaking of "transceivers", the FIRST transceiver for HF that I remembered seeing (aside from the military stuff) was the Gonset G-76 [www.rigpix.com/gonset/g76.htm](http://www.rigpix.com/gonset/g76.htm) I personally think that this was one of the PRETTIEST radios ever. It was small, it covered all bands (even 6m - how 'bout that?), and at a little over 24 pounds, it wasn't all that much trouble to hang under the STEEL dashboard of say, your '58 Buick. If only they'd have produced it in SSB, it would have had little competition. On the OTHER end of the size picture, there was also the COSMOPHONE 35 - (there's one at ASSOCIATED RADIO in Overland Park). Not exactly portable, having a receiver AND transmitter in one box, it was way ahead of it's time, actually using a PTO (like the Collins). Alas, they didn't sell many, but this UK product was the predecessor of many radios to come.

Yeah, many tried to imitate Collins (Heath did darned well with that), but even I must admit that nothing LOOKS LIKE, nothing FEELS LIKE, & nothing SOUNDS LIKE a Collins KWM-2 or 2A. I hate working on 'em (Vector "turret-type" tube sockets with parts all stacked on), but they sure are neat and bring back hundreds of memories, from the many that I used at Navy sponsored amateur club stations, throughout the World.

So - when you sit down at the rigs we have now.. push the "ON" button, listen to the auto-tuner (it's a "radio fooler", not an antenna "tuner") clicking or whirring, and just key up - well, it used to be a bit more complicated, but not very doggone much.

In those daze [sic], the more controls you had, the better the radio was - or at least, it SEEMED like it. it was ONE KNOB - ONE FUNCTION.

'scuse me while I "power up" the IC-756 PROII - gee that screen's cool.
There's a 146.97 VHF machine up here (100 Hz PL), and a 448.45 UHF machine too (same). Not uncommon to hit the 146.97 machine from Flagler, Colorado and sometimes from the Kansas/Colorado border with a better antenna than a 5/8 wave, and a bit more "juice". I've hit the 448.45 machine, from the front gates of old Fort Lyons, CO (just E of Las Animas, which is way South, and quite a ways East) using an old ICOM 04-AT running about 2.5w, into a quarter-wave duckie on top of the van. Out in Colorado, you get "your money's worth" when you buy an HT. [http://www.citizenlink.org/videofeatures/A000010256.cfm](http://www.citizenlink.org/videofeatures/A000010256.cfm)

Tom, that is a great URL. Hope no one misses it. Orlan

This is a technical pamphlet on how to construct a "nuvistaplug" sub for the front end of a Hammarlund SP-600 receiver (a REAL boat anchor). Granted, not many readers have one of these 83 pound babies (a real boon to spine surgeons), but there ARE many of 'em in service - one of the BEST receivers of this relative design made. (I can hear the Collins guys, screaming).

The article actually appeared on a Hallicrafters reflector, and I thought the folks on the KAR might like to see it, as well as "known" AM addicts. Speaking of AM addicts reminds me of another Tom, Tom, that of WBØZNY, hi hi.

TC

Many folks have NEVER seen any of these. They are known as "subminiature" or "pencil" tubes, and were developed MOSTLY by Emerson, for the WW-II "walkie talkie". They were found in the early 121.5 mHz downed-aircraft survival radios (among other stuff), and I even have 4 of 'em that were used in the US Navy's FIRST guided missle - the "REGULUS", which in fact was NOT rocket powered.... rather JET powered (first cruise missile). My Uncle Bill - source of MANY inspirations to this writer, was the engine mech for these, while they were being developed at Pt. Mugu, CA at the Pacific Missile Test Range (PACMISRAN). Some were used for commercial "miniature" portable radios, but they're pretty rare and not often found.

They work VERY well at higher frequencies, due to the close proximity of the elements (less interelectrode capacitance), and as many were used in aircraft (and high flying stuff), they even have an "altitude" rating in the tube specs.

Connections are via the wire leads, and special sockets were used, some with clamps to keep the tubes from rattling out of the sockets (such as in jet-powered flight off of a Navy cruiser). I actually have a carton of 5 of these - brand new.... if anybody's inspired to make a REAL qrp glow-in-the-dark transmitter or receiver.

Tom
While looking about for a replacement pot for my portable Tektronix scope, I stumbled across these folks. Good source for proprietary parts that you can only get from Tektronix (once they quite making something, they don't support it after a short time).

TC

Here's a small list of swap sites, along with some amateur practice sites. Most, you folks already know, but if not - good.

TC

Just click on "component cross reference" - type in the ORIGINAL device no, and get the NTE substitution - handy "bookmark" - they also print a HARD catalog

Perhaps DOWN THE ROAD.

We don't have a lot of clout, but we DO represent a "buying segment", and until the manufacturers sell off ALL their current inventory AND design models, nobody will be forcing us to do that, I suspect. For that matter, we "quarter-channelled" long before anybody told us to do it... just in case you younger folks don't remember the "Texas Plan" which is the foundation of our current repeater/simplex usage. What NEEDS to happen (and should have about 25 years ago) is to get the manufacturers to QUIT setting their VHF/UHF radios to such high mic-gain and deviation* - fresh out of the box. The combination of a condensor microphone, and audio that's set WAY TOO HIGH contributes to our problems - set the doggone things FROM THE FACTORY to 3 kHz MAX, and we'd solve any problems well before they occur. (*I see a lot of this, on my IFR-1000A)

[ I can hear old NØRK chuckling now ]

Tom Dailey - WØEAJ
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Tom is a former resident of this area and is widely published in Orlan Cook's outstanding KAR email publication. Those of you newer Kansas hams may not know of KAR. I suggest you contact Orlan <orlan@everestkc.net> and asked to be put on the email address list; you will not regret it. That way you can get a lot more of Tom's stuff plus a lot of other great Kansas ham radio news.

Larry, W0AIB  <sniped> from “LL”

Here are some kits, put out by a chap who's quite active on the HBR Receiver reflector - one of them enables very accurate frequency selection/readout on older receivers, and provides a DIGITAL readout as well, making them into general coverage units.  http://www.qsl.net:80/k5bcg/Kits/Kits.html

Tom
Yep.... that's an S-38 (series), alright... Always sounds like the NOVICE BAND back in the 60's.. selectivity..... ummm, what's that?

The ORIGINAL S-38 (no letter) had a separate BFO circuit and front-panel control. All of the later ones, used a switched "gimmick" capacitor that went between the Plate Output and the Grid Input of the 2nd. IF can.. it induced a form of regeneration which worked like a BFO. Most of 'em don't work very good at all, but the trick is to simply wind a bit more wire on the "gimmick". My fix is to make one of my home-brew 1-transistor BFO's, and use THAT. It's a heck of a lot more stable, and doesn't change the outward appearance at all (you use the same switch).

Tom

This is the National NC-57B I have on the bench, right now. Discovered that the "regular" NC-57 and the "B" model are rather different, when I looked at the parts layout page in the manual I'd downloaded, and said "Hey, what are those OTHER trimmers doing in there?"

It came BEFORE the NC-125, but is practically the same circuitry.

TU Tom.! U make KAR super fun to read. Orlan