Saturday, Sept 21st, the Reno County Kansas ARA (RCKARA) held their first ham fest.
While the weather was threatening, there was a solid turnout of both vendors and buyers. The armory at 11th and Severence was mostly full of tables, with lots of people buying their treasures.

Food was provided by the members of the club, consisting of Sloppy Joes (with lots of sloppy, not stingy like some), tater chips, cookies, doughnuts, coffee, soda and cold water. A meal of sloppy Joe and chips, drink and cookies was $5.00, and people seemed to be enjoying it.

The items for sale ranged from new (Derby Radio shack and D&L Antenna Supply), to older equipment, like Zenith radios, a Hammerlund receiver, and some modern things for 440 up thru the HF bands.

The test session, done by the Wichita ARC Laurel Team, led by K0PER, Shaun Halstead, produced a new Technician, and two new Generals.

Ron Cowan and Rod Blocksome, the State Manager and Division Manager, respectively, gave presentations on what was going on in Kansas, and what was happening in the Division and ARRL. Topics touched on was the Kansas Weather nets and SSB nets, ARES, the downturn in membership of the ARRL and MidWest Division, new testing regime with the ARRL, differences of the old Official Observer position and the new Volunteer Monitor position.

All in all, a successful day, with the weather holding, cooler temps and a very nice venue. When asked, they said they would possibly do it again next year, and if so, it promises to be bigger and better from the things they learned this time.

Richard Johnson, KØRCJ
Members of the WARC Laurel testing team

Ron Cowan, KBØDTI, Kansas SM talks at KS Section Meeting
## Links for Kansas Hams!

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Links to all known Kansas Clubs can be found at the bottom of [https://ksarrl.org](https://ksarrl.org)
If you change your Clubs web address, please contact Kent at kb0rwi@arrl.net

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**S.A.T.E.R.N.**

*Salvation Army Team Emergency Radio Network*


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**Supporting Our Veterans - Honorably Discharged**

**S*M*A*R*T - Special Military Active Retired Travel Club**

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*KCONDG Sherwin
or SARG; EX-K102 1960 to 1987
or TOP, 1SG; Army USAR, Retired 1951 to 1987 --- Final discharge 1994

God Bless those who have served this great country AMERICA
Proud Military Veteran
SEEING THE COUNTRY WE DEFEND
SHERWIN & DOROTHY STIELOW*
Wichita Amateur Radio Club (WARC)
5 Sessions, 167 check ins, 1 Message passed
WARC DMR nets
5 Sessions, 46 check ins, 0 msg
WARC Fussion nets
5 Sessions, 49 check ins, 0 MSG
Great Salt Plains ARC (GSPARC)
5 Sessions, 61 check ins, 0 Msg
QCWA coming soon

Silent Keys
As a service to fellow hams across the state, I urge all individuals and Clubs to send me Silent Key notices. Please include a link to an obituary. I watch Larry's List for announcements of hams from Kansas. If you are not on Larry's List, I will forward the notice to him. He in turn notifies the ARRL. As Larry cannot include pictures, I do my best to find images so that a face can be put with the name and call. Thank you!

Myron James Steinert, KFØPN
Myron James Steinert, 67, of New Strawn, Kansas, passed away unexpectedly on Monday, September 30, 2019, at Coffey County Hospital in Burlington.

He was born March 21, 1952, at Ransom, Kansas, the son of Elmer Armin and Elnora Luella (Ochs) Steinert.

He grew up on the family farm near Ransom, and graduated from Ransom High School in 1970.

Myron was a US Navy veteran of the Vietnam War, enlisting in 1971. He was a machinist's mate - submarine qualified, and served as submarine nuclear propulsion plant supervisor aboard the USS Seawolf SSN-575.

He moved to Burlington in 1981 to work at Wolf Creek Generating Station, and had been a nuclear power plant operator at Wolf Creek from its beginning until his recent retirement. He continued his nuclear engineering technology education at Kansas State University through his job at WCNOC.

Myron loved fast cars, from an early age until his very last day. He also was an avid firearms collector. His good humor and optimism were apparent to all who met him, and he will be dearly missed.

Myron was preceded in death by his parents; and by two brothers, A. Wayne and Gary D. Steinert.

He is survived by his children, Trevor M. Steinert (Stacey) of LaCrosse, Kansas, Brandi Grow (Shon) of Wichita, and Michael J. Steinert of Monterrey, California; a brother, Stanley Steinert of Yankton, South Dakota; five grandchildren, Paige, Treyton, Brennen, Tyron and TJ; two great-grandchildren, Michael and Lacey; and many other relatives and friends.

A memorial service with Military Honors will be held at 10:00 A.M on Saturday, October 5, 2019, at Ransom Cemetery in Ransom, Kansas, under direction of Fitzgerald Funeral Home in Ness City. Myron will be laid to rest there with his parents and grandparents.

Memorial contributions to “Myron Steinert Memorial Fund” (to be designated later) may be sent in care of Jones Funeral Home, PO Box 277, Burlington, KS 66839.

<https://www.jonescampbellfuneralhome''''.com/obituary/myron-steinert>
The western Kansas 160m net will be Tuesday nights at 9 pm central time on or near 1.960MHz LSB

**ARES – Amateur Radio Emergency Service**

Complete list of ECs and a printable State ARES map [https://ksarrl.org/ares/](https://ksarrl.org/ares/)


**AMATEUR RADIO EMERGENCY SERVICE**

**MONTHLY EC REPORT**

◆ Zone 4A – Brian KCØBS

**SEPTEMBER MONTHLY ARES REPORT TO DEC & SEC**

Total of ACTIVE ARES members: 150 +0
Local Net Name: Johnson County ARES

Emergency Coordinator = Brian Short KCØBS 913-638-7373
Alternate Emergency Coordinator, Recruiting = Jim Andera K0NK 913-884-6613

Assistant Emergency Coordinators:
Herb Fiddick - ECS Liaison
George McCarville WB0CNK - Training, Drills
Matt May KC4WCG - IDs, MECC
Bill Gery KA2FNK - Recruiting, Technology

Darren Martin N0MZW - Net Manager
Brad Kelsey KU0FAN – Membership
Jesse Gonzalez KE0ECS – CERT
Chuck Simpson KC0NUG - Rapid Response
Jim Andera K0NK - KCHEART

NTS liaison is maintained with the KS SSB Net:
Jim Andera K0NK Terry Reim WA0DTH
George McCarville WB0CNK Jim Cordill KI0BK
Debbie Britain AB0UY Rich Britain N0ENO

Net Sessions: 40
QNI: 352
QTC: 0

4 nets - 2 Meter Voice
4 nets - 440 Voice
4 nets - 2 Meter SATERN Voice
4 nets – CW
4 nets - 6 Meter
4 nets - 2 Meter Voice Simplex
4 nets - PSK 31 SATERN
4 nets - APRS Packet
4 nets - 1.25 Meter
4 nets - SATERN 80 meter SSB

Report prepared by:
Darren Martin N0MZW
Johnson County Kansas

◆ Zone 6A, E & G – Rod KØEQH

September 2019
Total Nets.........4
Total QNI...........30

Stations Participating: WB0QYA, AC0E, KG0VA, W0BYV, N0OMC, N0KQX, N0OXQ, K0EQH

Rod
KØEQH
NCS

Preliminary Kansas QSO Party report from Bob, WØBH

Preliminary results of the 2019 Kansas QSO Party were posted to the KSQP web site on October 2. Check your log entry to make sure your category is correct, and multi-op stations should make sure all operators are listed correctly. Report any problems to Bob/w0bh.

We had 408 submitted logs with a record 55,620 valid QSOs and an additional 445 QSOs submitted by 12 operators in the special FT8 category.

This year, 55 1x1 call operators participated spelling KANSAS, SUNFLOWER, QSOPARTY and YELLOW-BRICKROAD. A quick count showed 50 stations spelled all four words, two stations worked 54/55 1x1 ops, and two stations (N8II and K7SV) worked all 55 1x1 ops.

This year, Jeff/N8II was the first to Sweep all 105 counties by working N0E/m (AD0DX) in Wallace county with 18 minutes to go in the party. This was Jeff's second Sweep. He was followed by John/N6MU in California who has now earned the Sweep nine years in a row. John operates low power to a vertical from his city location in Orange County near Los Angeles. Log checking shows that John completed his Sweep by working W0O/m (W0ZQ) in Doniphan county at 1959Z, literally the last minute of the party. That’s cutting it a bit close! Special mention goes to Laci/OM2VL who logged 102/105 counties from Slovakia!

We had 12 mobiles and 8 portable stations this year who, along with our fixed stations, double-covered 26 counties and triple+ covered the rest. Counting all the multi-op station operators, a total of 110 in-state operators participated this year. Now we start working on the awards, certificates and stamps. The goal is to have everything done by Christmas.

Thanks to all who sponsored, participated or assisted and once again made this a year to remember. And special thanks to the mobiles who came in from out-of-state to help us out. We hope you all join us again in 2020!

73, Bob, w0bh
KSQP Coordinator
Hi Gang, I have to share this with you from Tom WØEAJ because this was before the “Plug-&-Play” days; some remember those days and some were TOOooo young to remember. Orlan ur ed.

Disclaimer: Because I’m an older guy (shut up, KØCDM !!!!), I still believe in Kilocycles and Megacycles - you new guys can use kHz and mHz if you want, but personally, I prefer to celebrate the unknown brother of Hendrich Hertz, Otto Cycle... see, Otto was really into engines and cars, and one day, while checking for loose spark-plug wires on a Maybach zeppelin engine, he got bit, and his brother Heidrich saw the sparks in another room - Otto REALLY discovered radio, but his hands hurt so bad, from that ZAP, that Heidrich wrote up the report for him, and got credit for it... Now, for the story:

Sometimes, when I get tired of fancy-schmanzy new stuff, I start looking for something to resurrect or invent... Must be why I had SO MUCH FUN building up something I was listening on this morning. Back when I was going to 7th. grade at Old Mission Junior High School in Mission, KS (1954-55), one of the
kids in one of my classes got his new NOVICE license in the mail. After the excitement of opening that envelope from the FCC - well, most of us including him, didn't have a lot of disposable income back then, so he MADE his receiver out of an All-American Five "kitchen radio", and a Gonset Super Six Hf converter [http://www.radiomuseum.org/r/gonset_3030_super_si.html]. I never forgot it, so when my cousin recently asked me if I wanted an old 1949 radio/record player (with an "anvil model"turntable), and a bad tube - I said yeah... especially since I had a pair of "Super Six's" already.

Faust Gonsett (yes, that's how he REALLY spelled his name) was quite a guy. Per a recent series of articles in ELECTRIC RADIO, it can be said that Gonset spawned a whole genre' of radio gear (the FIRST HF transceiver - the G-76 [http://www.rigpix.com/gonset/g76.htm])... also, not the least of which was the SBE and SWAN transceiver lines. The very CONCEPT of "transceiving" was pretty remote, save for things like the ill-fated COSMOPHONE and Polycomm 6&2 radios, along with a couple of others. Gonset, realizing that many hams wanted to run mobile HF, and in spite of those BIG dashboards made of real STEEL in the 1950's, a transmitter AND receiver took up a lot of space and drew a lot of current. Thus was born the converter - simply put (for you newer folks), it converts the 75, 40, 20, 15, 11(*), & 10 meter bands to an I.F. frequency; in this case, a frequency in the AM broadcast band.

What you did to make it all come together, was to plug your car-radio antenna into one jack, your HF antenna to the other jack and the output cable from the converter INTO THE (now empty) CARRADIO antenna-jack. Power for filaments and B+ (nominally 90-150vdc) came from the car radio,it'self, as automobile-radios were tube-type, back then in the 50's. Normally, the car radio would use the existing antenna, but when you wanted to listen to HF, you simply turned on the converter (which also switched the antenna feed), and tuned the radio to the I.F. frequency... (most Gonsets were 1430 kcs). It used the car radio for the I.F. section, detector & AVC sections, and audio output.

Amazing performance was had from these little 4-tube converters, which came in 75m only; 75, 40,& 20m;; 75, 40, 20, 15, & 10m; 6m; & 2m versions. Later on, Gonset made the Super 12, which used 12vdc for the special low-plate-voltage tubes inside. <http://www.qsl.net/la5ki/org/go/super12.jpg> Ameco made a couple of converters, and Regency made one of the first transistorized examples. |<http://www.miami.muohio.edu/president/personal/w8zr/vintage/receivers/atl1.htm> <http://www.w8zr.net/vintage/index.htm> <http://www.w8zr.net/vintage/receivers/index.htm> The best part was that your girlfriend actually had a place to put her knees, under that big dashboard, without all that hanging "heavy iron" underneath. (stuff a Multi-Elmac AF-67 & PMR-7 under there, and you're running out of girlfriends, pretty quickly)

Now, back to the old radio.

I took the chassis out of the 1949 cabinet, and brought THAT back to Denver, replaced all the electrolytics, ripped off the back-panel loop antenna & "elevator coil", along with the dial assembly(rewound the dial cord only around the tuning shaft and variable cap "wheel" - for "I.F. TUNING")...installed an auto-antenna jack*** in the chassis for the converter output plug, and built a 1-transistor BFO (injection frequency - 455 kcs +/-); it's built on a little piece of perf-board and uses a single 2N2222 and a surplus transistor-radio 455 kc I.F. can. It only uses 3vdc max, so how to power it without resorting to batteries? I connected to the filament line (6.3vac nominal) through a single diode-rectifier, a 470uf @ 16v cap, then fed that 7.5vdc into a 7805 (3-pin 5vdc regulator) -that gave me (CLEAN) +2.5vdc, which I then ran into a resistor voltage-divider, using a pair of 30Kresistors - result?... +1.7vdc to the BFO which makes it run with good stability, and no batteries.(the BFO is switched on & off by a chassis-mounted switch on the front). NOTE: the BFO p/s is mounted by it's input AC feeder legs, the BFO by a standoff, screwed onto one of the (radio) I.F. Can mounting studs.

Now, how to power the Converter up? The converter filament-string requires 6.3 vac, so it's connected to the dial-lamp terminals (which are the same voltage)... and, as was the custom with these converters, "borrowed" the HV from a tube's plate circuit, dropping it down to +150vdc through a 4.7k...
2w resistor. Interestingly enough, it has a "radio-phono" control, which switches audio inputs, and interrupts the screen voltage to the IF strip, so it works great as a "receive-standby" switch. (it doesn't kill the B+, but it does silence the audio).

I might add that the Main Tuning has now become the "IF Shift" control, as you can slide off to either side of the incoming 1.43 mc converter signal, to imitate a sharpening filter.

You would NOT believe how well it works! Yeah, it drifts a bit, but listening to the guys on 3.875 AM this morning, and 3.920 LSB this evening, was a total hoot. Using the HB BFO, I copy SSB and CW quite well. Listened to quite a bit of DX on 20m, using CW this morning.

I'm gonna stick it in a box, with the converter on top, and there will be my "Novice Receiver" for the cost of only the 6SK7 (RF amp) I had to replace, a junk-box el cheapo transistor, some surplus vector board, salvaged: caps, I.F. Can, 7805 regulator, 2-posit rotary switch & resistors..... now THATis REAL ham radio. Heck, I might just use it for Straight Key Night, this year.

Tom

***The jack was bought from BA, back in about 1972, and had never been used - it was called a"Motorola Jack" (the Gonset converters used the Motorola plug on the output cable, as it plugged into your car radio, and your car-radio antenna plugged into the converter, along with your ham-antenna... usually a BIG Webster Band Spanner) Typically, one used the filament & plate voltage FROM the car-radio.

The reason for mounting the Motorola jack on the chassis, was for shielding - see, we have an AM station here in Denver on 1430 kcs (KEZW), and that's the IF output freq of the Gonset converters, as previously mentioned, so it prevents much of the off-air "broadcast" signal from getting into the "radio" part.

(*) Us "senior" types remember when 11m was a HAM BAND.

* * *

The Gonset "Super Six"
This is the GONSET “Super Six” converter; 80, 40, 20, 15, 11, & 10 meters (AM only). Required 6.3vac & 90-160vdc for operation – output on 1430 kcs. (kHz). The small white pointer in the background of the dial is the “preselector” indicator, and must match the band selected. The “antenna” trim control matches the input impedance to the antenna impedance... the Hi-Z and Lo-Z input switch is on the back, along with a 1430kc trap.

This is the “Super Six”, listening to the Kansas Weather Net on 3920 kcs (SSB!!!) Actually, the 40m portion is a nice bright green, in real life.

This is the dial, showing 3875 kcs – an unofficial AM net is found here in the early mornings (0630 mountain time), and about 1630 MST/MDT. Reception is great with a 135 foot long-wire, through an “L” network “tuner”

Upper Left – AM/CW-SSB switch (essentially, switches power to the BFO, from it’s power supply). The power supply (Lower Left), fed from the 6.3vac filament voltage terminals, supplies +1.7vdc (regulated) to the BFO, which is on the right (held onto standoff stud by screw)
The schematic to the radio/amplifier portion of the 1949 radio/phonograph. Connection points and modifications are shown in RED. (BFO injection is accomplished by wrapping the output wire from the BFO board, AROUND the output wire from the first I.F. can). I may go ahead and replace the 5Y3 tube rectifier, as it's filament draws 2 amps @ 5 vac. – it’s removal would reduce heat, considerably.

This is the schematic for the simple Beat Frequency Oscillator (455 kcs +/-). Best built in “dead bug” configuration on anything you might have lying about. The output cap was arbitrarily chosen – it’s value is NOT critical in any way. After “warmup”, adjust to zero-beat with a NON METALLIC tool.
This is the radio, as removed from the original wood cabinet. The output from the converter plugs into the Motorola jack on the RIGHT, just behind the tuning capacitor wheel. You can see how the dial cord ONLY wraps around the tuning shaft AND the tuning capacitor wheel – the dial plate and hardware was removed and discarded. Oh, and I did realign the IF sections on the radio – after 60 years, they had “seasoned” a bit. I decided to keep the ORIGINAL “electro dynamic” speaker, as it’s “magnet coil” is also the filter-choke for the radio’s power supply. The BFO switch is under the lower-right corner of the speaker.

Tom, is that a 80 rectifier tube? Orlan
This is the mad scientist’s shop (at least the stuff you can see). In this picture, the filament & plate voltages were being supplied by the Heathkit HV bench power supply. It’s listening to the Ks. Sideband net; the calibration having been checked with the Marconi 2022C digital-input signal generator... (that’s why it says 3.920000 on the dial) In the far-right corner, is a picture of my Uncle William (SK) who inspired me to a lifetime vocation in electronics. I still have the galena crystal he gave me, when I was 8 years old.

Thank you Tom for inviting us into your shop and letting us look over your shoulder.

If you would like to join the Mailchimp list to be notified of the new KAR Newsletter you may do so on the web site https://ksarrl.org by clicking on the Email Notification link http://eepurl.com/c25Go9