Hello all! The unusually cool weather we have enjoyed in Kansas has finally given way to seasonal norms. My rain gauge has measured 20.84” up to July 1. Now we have registered our first day above 100° F since last August. Thankfully we are not in Death Valley, setting new records.

My intent is to remove this area from the front of the newsletter. By removing this editorial area or moving it from the front page, the newsletter will take on a new feel.

June was a good month for amateur radio. As you will see in the following pages, there were good results and publicity for one group at field day.

I am still looking for images that can be used as a front cover page to the newsletter. As you will see below, Tom submitted one that worked for a half page image, so keep in mind to take pictures that have amateur radio themes and would be worthy of a magazine cover. You will get photo credit and copyright options if requested.

Kent Stutzman, KB0RWI
## Links for Kansas Hams!

<table>
<thead>
<tr>
<th>Link</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRL</td>
<td><a href="http://www.arrl.org">http://www.arrl.org</a></td>
</tr>
<tr>
<td>Kansas Section Pages and KAR's</td>
<td><a href="http://ksarrl.org/">http://ksarrl.org/</a></td>
</tr>
<tr>
<td>ARRL Midwest Director's Newsletter</td>
<td><a href="http://www.arrmidwest.org/newsletter/newsletter.pdf">http://www.arrmidwest.org/newsletter/newsletter.pdf</a></td>
</tr>
<tr>
<td>Kansas ARES Pages</td>
<td><a href="http://ksarrl.org/ares">http://ksarrl.org/ares</a></td>
</tr>
<tr>
<td>Kansas ARES Printable Map</td>
<td><a href="http://ksarrl.org/ares/printit/">http://ksarrl.org/ares/printit/</a></td>
</tr>
<tr>
<td>Wichita NWS Skywarn</td>
<td><a href="http://www.ict-skywarn.org">http://www.ict-skywarn.org</a></td>
</tr>
<tr>
<td>Kansas QSO Party</td>
<td><a href="http://ksqsoparty.org">http://ksqsoparty.org</a></td>
</tr>
<tr>
<td>Newton ARC</td>
<td><a href="http://www.newtonarc.org">http://www.newtonarc.org</a></td>
</tr>
<tr>
<td>Wichita ARC</td>
<td><a href="http://www.warc1.org">http://www.warc1.org</a></td>
</tr>
<tr>
<td>Enson Museum</td>
<td><a href="http://www.ensorparkandmuseum.org/">http://www.ensorparkandmuseum.org/</a></td>
</tr>
<tr>
<td>S. A. T. E. R. N.</td>
<td><a href="http://www.SATERN.salvationarmy.us">http://www.SATERN.salvationarmy.us</a></td>
</tr>
<tr>
<td>KC ham Info</td>
<td><a href="http://www.kchams.net/larrys_list.html">http://www.kchams.net/larrys_list.html</a></td>
</tr>
<tr>
<td>NF9L KC page</td>
<td><a href="http://kchamradio.com/">http://kchamradio.com/</a></td>
</tr>
<tr>
<td>ARRL KS Section News Page</td>
<td><a href="http://www.arrl.org/Groups/view/kansas">http://www.arrl.org/Groups/view/kansas</a></td>
</tr>
<tr>
<td>Wheat State Wireless Association</td>
<td><a href="https://www.facebook.com/groups/WS0WA/">https://www.facebook.com/groups/WS0WA/</a></td>
</tr>
<tr>
<td>Jarbalo Amateur Radio Association</td>
<td><a href="http://jara.signaleer.us">http://jara.signaleer.us</a></td>
</tr>
</tbody>
</table>

Go to >> [http://ksarrl.org/](http://ksarrl.org/) and click on >>>>>>>>>>

**Supporting Our Veterans - Honorably Discharged**

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

*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
The Valencia County New Mexico ARA is starting an annual event. Harvey House on the Air Special Event Stations will activate many of the 84 historic Harvey House each year on the second Saturday of September. It would be appreciated if you would bring HHOTA to the attention of your clubs and members with the objective of getting a HHOTA Special event Station operating at all Harvey House's.

You probably know Fred Harvey built and operated Harvey House Hotels and Restaurants (both commonly referred to as Harvey House) along the western railroads. apparently in Kansas there are eleven Harvey House: Arkansas City, Chanute, Dodge City, Emporia, Fort Scott, Hutchinson, Newton, Syracuse, Topeka, Wellington and Wichita. There are also a few just across the border in Oklahoma which Kansas hams may be interested in activating. HHOTA information is at http://www.qsl.net/vcara which includes links to more information about the Harvey Houses and famous Harvey Girls recruited as staff.

Thank you and 73,
Andrew Eldridge, NM5AE
HHOTA Coordinator

The ARRL Midwest Division July 2017 Newsletter is now available on the Division's Web page. Here's the direct link:


This link always takes you to the current month’s newsletter. If this month's newsletter doesn't open, try refreshing the page or clearing your browser's cache, in case your browser is loading a copy of a previous newsletter. Previous newsletters are available at:

Highlights this month are:

Field Day in the Midwest Division
   Boone (IA) Amateur Radio Club (2A-QRP)
   Kansas Nebraska Radio Club, Beloit, KS FD 2017
   Cedar Valley ARC FD (Cedar Rapids, IA)
2017 Nebraska QSO Party
Around the Midwest Division
   Southwest Iowa ARC Hamfest, Creston, IA
   St. Louis Suburban Radio Club
Midwest Division Special Event Stations
Midwest Division ARRL Hamfests & Conventions

Thanks and 73's,

ARRL Midwest Division Director:
Roderick K Blocksome, KØDAS
k0das@arrl.org
JULY 2017. It's nearing convention time again!

The Kansas Section ARRL Convention will be held in Salina, Ks, August 20th, sponsored by the Central Kansas Amateur Radio Club, Inc (CKARC).

We will again have a "before Convention" dinner this year on Saturday evening, August 19th. A number had indicated they enjoyed the gathering we had and would like to repeat it this year. This is NOT a CKARC sponsored function, but they are aware of it.

There will be several people in town Saturday evening - as well some of the 'local' folks, so I will need an RSVP by August 15 if you are interested in attending the dinner this year!

Please respond via phone, Email, US Mail, (addresses below)

The venue again this year will be Martinelli’s, 158 South Santa Fe Ave, Salina. Dinner will start at 6:30PM, plan to arrive around 6:15 PM or so but not a lot earlier. Feel free to spread the word - the more the merrier! Martinelli's is a 'formal restaurant, not a 'fast food place' - they do have adult beverages available. We will order off the menu. I will need to have a total 'head count' prior to the event, YL's, XYL's, harmonics, friends/family ARE welcome! Please include all in your party.

Please, make reservation so I can inform the restaurant the number of tables and chairs to have set up for us and wait staff assigned.

I have the evening reserved in my name. They can seat up to 50-60 or more. It should be interesting. I probably will NOT acknowledge email reservations, if they do not bounce, I got it!

This year we will have an after dinner program by Rod Blocksome, KØDAS, on his most recent venture with Nautico’s Corporation and DX-pedition.

Rod Hogg
KØEQH

SHARC
1104 S Main
Scott City KS 67871
620-872-2625 (M-F 9:30/6)
rodk0eqh2@hotmail.com
AMATEUR RADIO EMERGENCY SERVICE

MONTHLY EC REPORT

◆ Zone 2F – Stan WDØEUF

◆ Zone 3B – Eric KCØARW

◆ Zone 4A – Brian KCØBS

Total of ACTIVE ARES members: 150 +0

Local Net Name: Johnson County ARES

Emergency Coordinator - Brian Short KC0BS  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 K10BK
Debbie Britain AB0UY                Rich Britain N0ENO
Wretha Galeener KC0HHO

Net Sessions: 41
QNI: 300
QTC: 0

4 nets = 2 Meter 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
5 nets = 70CM
4 nets = 1.25 Meter
4 nets = SATERN 80 meter SSB

Report prepared by:
Darren Martin N0MZW
Johnson County Kansas

◆ Zone 6E – Rod KØEQH

Kansas ARES Net report for Zones 6A, E & G

Total Nets..............4
Total QNI..............26
Total QTC...............1

Alt NCS: NØOMC

Stations participating: ACØE, WBØQYA, KGØVA, NØKQX, NØOXQ, NØOMC, KEØMBK, KØEQH

Field Day was held at KDØEZS QTH, It was a combined effort by the Sand Hills ARC (SHARC) and Western Kansas ARC (WKARC).

There were 10 members and guest present.

165 QSO's, 65 digital, 100 phone.

Total Score 580 points, includes Public Offical present, FD Message copied, FD Message sent, On-Line submission of report
Report by Jim, ACØE

Rod
KØEQH
NCS

Kansas QSO Party Update
August 26-27, 2017

July 8, 2017 Update - Because of the unprecedented interest, we added a fourth spelling word: BISON to give us 51 1x1 call signs this year (up from 45)! All but three have been assigned, and I'm waiting to hear back on those.

No major rules changes for this year. I added a USA CW "filtered" plaque, which means during log checking, we'll run all logs counting only CW. That way all ops can feel free to work mixed and pick up all the 1x1 calls, but if they choose to concentrate on CW (which many like to do), there is a new plaque to win this year.

Note that some of our calls are being used by the Eclipse QSO Party. In that case, you won't be able
to do anything until after that unfortunately. In that case, don’t request the call until a few days before the KSQP. The Eclipse is a one-time event (at least in the near future :- ).

Be sure you reference the KSQP web site: http://www.ksqsoparty.org/ for more information. More later on operating tips, etc. This should keep you busy for a bit! It’s summer and I’m in and out, sometimes out of internet range, but I’ll keep checking for emails if you have questions or comments. Stay cool!

73, Bob, WØBH
KSQP Coordinator

ARRL Kids Day at Exploration Place

The Wichita Amateur Radio Club sets up twice a year at Wichita’s Exploration Place for the ARRL Kids Day. June 17 was no different. President Marc Hammann, KØVFW Vice-Pres Matt Cox, KDØAMF and Past Pres David Rayson, KDØBGH were on hand at the booth to show those that stopped by how to get on the air.

ARRL KANSAS STATE CONVENTION
AUGUST 20, 2017
Webster Conference Center, Ohio St, N of I-70
Sponsored by the Central Kansas Amateur Radio Club
Credit Cards will be accepted for Admission to the Convention
This year’s Field Day was a little different than most due to the significantly lower temperature. Fans are common accessories in these parts but this year they were seen turning only because of the gentle cool breeze. We had approximately 17 club or group stations participating this year, about average. With our current solar climate, conditions were about the same as last year with 20 and 40 Meters giving the best chance of making contacts.

Douglas County ARC was located on a hill overlooking Lawrence. They had a solar station and are considering more solar in the future. A drawback is hauling batteries up a steep hill. The 30KW trailer mounted generator (down the hill) will have to do for now. Pilot Knob had a very good location, high, breezy, and electrically quiet. They were experimenting with various verticals that are designed for simple field set up. Jayhawk plugged along with AAØFO anchoring the CW portion. The Kansas Antenna Club in Johnson County may have a future digital wiz. One of the club members 6 year old son took right to it. Johnson County RAC had a lot of activity at their location. This year a Kansas National Guard communication unit of cadets brought in their trucks for display across the aisle from the SATERN Comm. Truck and adjacent to the main road entrance. And Saturday afternoon the local TV Meteorologist came out to see how it’s done. A Photo Journalist from the station accompanied Gerard Jebaily who spent several hours and also made some contacts. Santa Fe Trail having completed outfitting their clubs communication trailer worked a couple of stations from it at the Marshall Ensor Museum and Park. Did you get in on the 6 Meter opening Sunday morning? SFTARC did with their 5 element beam helping pull in over 60 contacts in 90 minutes.

Reports are still coming in but overall it appears to have been a very nice FD weekend.
Recently, on the Hallicrafters reflector, the question came up concerning adding filters to receivers with a 9 mHz IF strip. As there might actually BE a few out there who DO make "homebrew" stuff - I thought I'd pass the info along.

600hz 9Mhz experimental filter kit for $30
https://www.inrad.net/product.php?productid=239&cat=149&page=1

2.4Khz 9Mhz experimental filter kit also for $30
https://www.inrad.net/product.php?productid=240&cat=149&page=1

Both filters appear to have an Input/output impedance of 200 ohms
https://www.youtube.com/watch?v=DhuuOWteelc

◆

K9AXN writes about Beam Tubes

Many new (and a bunch of older) hams are unfamiliar with the BEAM tube, and their use in older Amateur Transceivers & a few Linear Amplifiers. Basically, the Beam tube we think of in this case, was used in older designs of televisions, and as TV receivers inexorably moved into solid-state, the Beam tube disappeared in them, and as a consequence, the prices rose. More familiar is the "good ol" 6146 type. There's also a good description in his paper, about the differences in 6146s and 6146Bs (NOT the same tube) [there's also a 6146W, which was the industrial version, used in "carrier current" applications for bell-ringing & time-setting, among others - Yet another variant was the Toshiba 2001 that came in new KENWOOD and some other radios - it was GREAT!]. Hope you find the article informative.   http://k9axn.com/attachments/BEAM_TYPE_TUBES_1.pdf

Tom – WØEAJ