

April 2017 QSP

Central Kansas Amateur Radio Club



April Test Session

The April Test session had Two candidates, Donald Carter, KEØMDK, of New Cambria passed his General Exam, and Jerry Bowman, KEØxxx (Pending), of Ft Riley, Passed both his Tech and his General exams. Congratulations to Both!

VE's in Attendance were: Sid, NØOBM, Paul, KS1P, and Eric, NØYET.

Special points of interest:

- March Testing Session
- March Minutes
- Arduino Ham Radio Starter Kit
- Orlan Cook, WØOYH, SK
- Russian "Buzzer" Gone
- Amateur Radio Growth
- ISS VHF Packet Back
- ARRL Expo

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Reminders

Siren Test scheduled for **May 1st..** In the event the weather does not cooperate, we will try again on the 8th.

May Test Session is on

May 10th at 7:00 PM at the Saline County Sheriff's Office Classroom. Board Meeting at 6:30 PM (NEW)

The May CKARC meet-

ing is scheduled for the 26th of May at **6:30 PM** at KWU's Peters Science Hall in Room 211.

CKARC March 2017 Minutes

The Central Kansas Amateur Radio Club met in Peters Science Hall on Friday, March 31, 2017 at 7:30 pm. President Dennis Kelly, KAØLTQ, called the meeting to order. Last month's minutes were approved as published in QSP.

Reports:

Treasurer: Pat, KEØDZK, via Paul, KS1P, - \$4402.18 in account. Received hamfest donations from Alvin (WØME), Crestwood, Disabled Americans, Bank of Tescott, and Kansas Wesleyan Radio Club.

Secretary: David- Nothing additional to report.

EC/VE: Sid, NØOBM, - City is going to make some changes with sirens frequencies, radios will have to be reprogrammed. Had 4 applicants test and all 4 passed general.

Hamfest: Tom, NØMOK, - Mailed out letters asking for sponsorship, need to follow up letters with personal visits. Buttons and cards are ordered.

Old Business:

Field Day in June, looking for location ideas and someone to take charge of event.

New Business:

Discover Salina Naturally, May 7 in Lakewood Park. Even runs from 11 am to 4 pm. Would like to have tables setup between 8-9:30 and booths setup between 8-11.

Local scout troops interested in getting radio badge. The club will look in to requirements.

Announcements:

May club meeting will be a **potluck** at **6:30pm**, followed by silent key remembrance.

147.030 repeater is currently down, and has been sent off for repairs.

Siren Test Nets



These are "routinely" held on the First Monday of every Month—**Except September** - provided that the Weather is in a cooperative mood. If there are too many clouds in the sky, or if it happens to be too Cold (Winter in Kansas can be Very cold) Less than +32 Degrees, the Test will usually be postponed until the following week.

In the event that the Weather still is not in a cooperative mood on the 2nd Monday, the test will be Cancelled for the Month.

Those folks that do check in, we would like the following information: Your Call Sign (obviously), your current location (street intersections are good enough) and if you heard

a Siren (or more than one). This helps cut down on the number of folks that the Emergency Management Office has to call to see if the Sirens went off or not.

Our help on this event **IS** Greatly appreciated!

Arduino Ham Radio Starter Kit

The following message was relayed to me:

From: John Fallows VE6EY <ve6ey@fallows.ca>
Date: April 6, 2017 at 5:37:44 AM CDT
To: "Webmaster" <n0yet@yahoo.com>
Subject: Arduino Ham Radio Starter Kit

Webmaster or Executive - Central Kansas ARC

Earlier this year, I published a series of articles on my web site called the "Arduino Ham Radio Starter Kit". The purpose of this information is to encourage more hams and their clubs to engage with the local maker community as a gateway to amateur radio.

These articles explain Arduino basics in a ham radio context. They contain many suggestions about how amateurs can use Arduinos, as well as how a ham club can engage other makers in hobby activities.

Please take a moment to review the Arduino Ham Radio Starter Kit articles. If you find them to be useful, please consider passing these along to your members or contacts.

You can use these articles by linking them to your web site, Twitter feed, Facebook page or by e-mail.

The URL is:

<http://play.fallows.ca/wp/series/arduino-ham-radio-starter-kit/>

Thanks for your consideration. If you have any questions or suggestions, please contact me.

73 John Fallows VE6EY Calgary, Alberta

Orlan Cook, WØOYH, Silent Key

From ARRL Headquarters
Newington CT April 5, 2017
To all radio amateurs

SB SPCL ARL ARLX003
Former Kansas Section Manager Orlan Cook, W0OYH (SK)

Former Kansas Section Manager Orlan Cook, W0OYH, died on March 28. An ARRL Life Member, he was 85. Cook served for 5 years as Kansas SM, taking office by appointment in 1997 and serving until 2002. He was an ARRL Official Relay Station (ORS) and Official Bulletin Station, and for the past decade or so, he served in an informal public information role as editor of the KAR (Kansas Amateur Radio) newsletter.

Russian “Buzzer” Disappears, Chinese “Foghorn” Returns

04/12/2017

The International Amateur Radio Union Region 1 (IARU-R1) Monitoring System (**IARUMS**) **March newsletter** reports that the Russian “buzzer” on 6,998.0 kHz has disappeared. For a long time the system interfered with the lower edge of the 40-meter band.

In addition, a Russian F1B transmission on 7,193 kHz — believed to be emanating from Kaliningrad — has ceased. IARUMS credits German telecoms authorities for submitting complaints and the Russian military.

The IARUMS March newsletter further reports that a Chinese over-the-horizon (OTH) burst system radar “foghorn” signal is being heard again on both 40 meters (jumping between 7,128 and 7,187 kHz) and on 20 meters (14,218 kHz). The signals are 10 kHz wide with burst durations of 3.8 and 7.6 seconds.

A “numbers” station said to be from the Ukraine SZRU intelligence agency was reported on March 30 on AM (female voice) on 14,212 kHz.

Article Links Amateur Radio Growth to Emergency Communications

04/13/2017

An April 11 **article**, “Emergency Communications Driving Increase in Amateur Radio Operators,” in *Emergency Management* magazine links the growth in Amateur Radio numbers to interest in emergency communications.

“There has been a tremendous amount of interest in emergency preparedness since 9/11 and Katrina, and this is true for the Amateur Radio community as well,” ARRL Emergency Preparedness Manager Mike Corey, KI1U, told the publication. “Emergency communications is a gateway into Amateur Radio, and many join our ranks through an interest in being better prepared themselves and as a way to serve their community.”

The article cites numbers from ARRL VEC Manager Maria Somma, AB1FM, who notes that 2016 was the third year in a row that the total number of new licenses exceeded 30,000.

The article also cites ARRL Colorado Section Manager Jack Ciaccia, WMØG, who agreed with the premise that the uptick in new licenses is due to Amateur Radio’s emergency capabilities.

“Interest really peaks after a large-scale event where ham radio has been utilized,” Ciaccia said. “When regular phone service fails, Amateur Radio operators fill the communications gap with their independent transceivers and battery power backups,” said the article, which also discusses the Amateur Radio Emergency Service (ARES).

ISS Packet System is Back on VHF

04/14/2017

The Amateur Radio on the International Space Station (ARISS) packet digipeater system is again operating on VHF — 145.825 MHz. The failure of an Ericsson handheld VHF transceiver on board the ISS last fall had caused ARISS to shift packet operation to 70 centimeters. A cargo resupply mission in February delivered a new Ericsson 2 meter handheld, to replace the one that had failed, which had been used in the *Columbus* module for school group contacts and for Amateur Radio packet. While the VHF transceiver was offline, ARISS shifted school contacts from NA1SS to the Kenwood TM-D710 transceiver in the Russian *Service Module*. NASA ISS Ham Project Coordinator Kenneth Ransom, N5VHO, said the VHF capability now back in *Columbus* can be used in conjunction with passes involving the HamTV digital amateur television (DATV) system, which operates on 2.4 GHz. ARISS International Chair Frank Bauer, KA3HDO, said recently that ARISS continues to make progress on the development of the new interoperable radio system on the ISS “that we hope to use to replace our aging radio infrastructure in the *Columbus* module and the *Service* module.” Packets digipeated in a valid APRS format via the ISS system and picked up by an Internet gateway station are documented on the “Amateur Radio Stations heard via ISS” page. — *Thanks to Kenneth Ransom, N5VHO, ISS Ham Project Coordinator*

ARRL EXPO will Anchor League’s Hamvention Presence

04/13/2017

At **Hamvention®** 2017 in Xenia, Ohio, on May 19, 20, and 21, ARRL EXPO will provide a spacious area focusing on ARRL activities. The ARRL Store will be the central focus of ARRL EXPO in Building 2 of the **Greene County Fairgrounds and Expo Center**, where visitors will be able to peruse and purchase a wide array of ARRL publications, supplies, and official League merchandise. They’ll also be able to join, renew, or extend their ARRL memberships. A *limited* supply of complimentary ARRL EXPO 2017 pins will be available. With ARRL Field Day (**FD**) looming on June 24-25, ARRL will offer an inventory of official ARRL FD gear, including T-shirts, pins, hats, mugs, and posters. ARRL EXPO exhibits will include:
ARRL Laboratory: Get Your Handheld Radio Tested!

ARRL Collegiate Amateur Radio Initiative

Amateur Radio and Education — Meet ARRL Education & Technology Program (**ETP**) instructors and explore the resources available for introducing radio science and wireless technology into classrooms.

Radiosport and DXCC — DXCC card checking, ARRL contests and awards, Logbook of The World (**LoTW**), and QSL Bureau

RFinder — The Worldwide Repeater Directory

ARRL Development and **ARRL Foundation**

ARRL Public Service

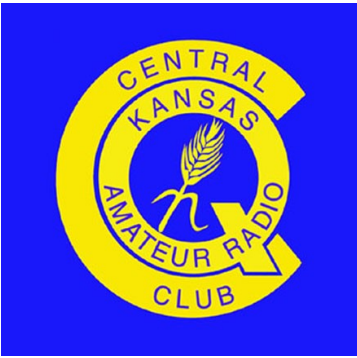
ARRL Field Organization Volunteers — Network with ARRL Field Organization volunteers, hosted by the ARRL Ohio Section.

HamSCI: The Ham Radio Science Citizen Investigation

ARRL Visa® card — U.S. Bank

Representatives of the International Amateur Radio Union (**IARU**) will be on hand to meet and greet visitors. Heading the ARRL delegation will be ARRL President Rick Roderick, K5UR. On hand to represent ARRL will be Great Lakes Division Director Dale Williams, WA8EFK; Vice Director Thomas Delaney, W8WTD, and Ohio Section Manager Scott Yonally, N8SY.

ARRL is seeking college students and high school seniors to help support the ARRL Collegiate Amateur Radio Initiative booth at ARRL EXPO. Student volunteers will sign up for one or more shifts working in the booth — during which they will visit with Hamvention attendees and exchange ideas to strengthen radio clubs at our nation’s colleges and universities. Volunteers will receive a Hamvention exhibitor badge and ARRL Team shirts. **Contact Andy Milluzzi**, KK4LWR, if interested.



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Your issue of QSP is Here!

Central Kansas Amateur Radio Club

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We are on the Web

www.w0cy.org

Changes!

Changes are “always” in the works—as time allows, and there has not been a whole lot of “free time” lately!

Dues are now PAST DUE

Still a bargain at \$20.00 per year!

Sid NØOBM
