

CLUB OFFICERS:

President Mike Brannock, KG4IES
V. President Mark Currens, KI4OJG
Secretary Paul Harrington III, KB4ENQ
Treasurer Steve McFadden, KA4TJD
Trustee for KY4WC Jerry Mueller, KC4WZO

COMMITTEE CHAIRMAN:

Program Steve McFadden, KA4TJD
Emergency Jerry Mueller, KC4WZO
Field Day Paul Harrington III, KB4ENQ
Web Site Jerry Mueller, KC4WZO
Net Control Paul Harrington III, KB4ENQ
Repeater Steve McFadden, KA4TJD
Newsletter Paul Harrington III, KB4ENQ
Fund Raising Todd Rose, KE4YAH
Adopt-a-Highway Paul Harrington III, KB4ENQ

The Woodford County Amateur Radio Club meets on the first Wednesday of each month at 7:00 p.m., in the Versailles Fire Station #2 on Big Sink Pike. Anyone interested in Amateur Radio is cordially invited.

The Woodford County Amateur Radio Club Home Page is located on the internet at <http://www.ky4wc.org>. The Club receives e-mail at ky4wc@ky4wc.org. E-mail may be sent to the membership by sending a message to maillist@ky4wc.org.

The Club holds an ARES practice net Thursday evenings at 8:00 p.m. Nets are held on the 145.330 repeater.

Kentucky to Launch Satellite



Members of the KySat team from the University of Kentucky provided the program for the February meeting. "KySat is a joint enterprise involving public organizations, colleges, universities and private companies in a student led initiative involving the design, build, launch and on-orbit operation of small satellites to promote science, technology and engineering, innovation and education."* They brought with them prototypes of the satellite and associated hardware.

Each member of the team presented information on his or her area of concentration in the project.

The project employs Amateur frequencies in the 2-meter band for uplink and the 70-cm band for downlink. Antennae are constructed of measuring tape material stripped of paint and plated gold. The tape is wrapped around the satellite before launch and springs out as it leaves the launch vehicle.

To learn more about the project visit www.kysat.com. Quote above from web site information.

Team member pictured from left to right: Osamah Rawashdeh, AI4DL, Sam Hishmeh, Tyler Dolsing, Alicia Mylin, KI4JAE, and Dale McClure, KI4NDW

Late Arrivals: Dues are due. If you have not paid your dues for the year 2007, please see Steve McFadden, KA4TJD. Dues are \$15 for individual members, \$18 for family memberships.

Repeater: The KY4WC 224.22 MHz repeater will be off the air for an upgrade. We hope to keep the down time to a minimum. We apologize for any inconvenience this may bring about.

Program: The program for the March meeting will be an introduction and open discussion concerning repeater hardware and function. The controller for the 224.22 machine will be on display (cover removed).

Minutes of February 7th, 2007

The January meeting was called to order at 7:09 p.m. The minutes as published in the Newsletter were approved.

Committee Reports:

Newsletter: The membership is encouraged to submit articles, or ideas for new items to appear in the newsletter.

Repeater: Jerry Mueller, KC4WZO reports that all of our repeaters are now correctly listed in the SERA Repeater Journal.

Net Report:

2/8/2007	2/15/2007	2/22/2007	3/1/2007
KB4ENQ	KB4ENQ	KB4ENQ	KB4ENQ
KE4LZP	KG4VAR	AD4CR	KE4OOI
KI4QQF	AD4YJ	KG4TND	K4HOD
KG4TND	KE4AIE	KE4LZP	KG4VAR
KI4OJG	KG4TND	AC4YD	KI4TFI
KF4LRK	KF4LRK	KI4LSG	KE4MAE
KE4OOI	KE4OOI	KF4LRK	KG4TND
KE4GNX	KE4GNX	KD4GNX	KF4LRK
KI4LSG	KA4TJD	KE4GNX	KE4GNX
KE4AIE	KI4QQF	KI4QQF	KI4QQF
WA4PCS	KI4OJG	KI4OJG	KI4OJG
	WA4PCS	KI4TFI	WA4WWH
	KE4LZP	WA4PCS	N8NZF
	KD4GNX	KE4AIE	KI4RHH
	KI4RHH		KI4MTB
	AC4YD		KI4SXR
			KE4LZP

Emergency: Weather spotter's class will be held in the community room located in the basement of the Courthouse, Wednesday, March 14th, at 6:30.

The 2m rig in the EOC needs to be replaced, it was suggested that we duplicate the dual band rig that we have in the Emergency Management trailer. Also suggested was the lesser expensive (function reduced) version of the same equipment. The notion in these suggestions was that they would require little or no additional operational training.

Fund Raising: The Midway Fall Festival is now being managed by the Merchants Association. The Club is still to be considered for a complementary spot. The Midway event will be held the 4th Saturday in September.

Attendance:

Mark Currens	KI4OJG	Steve McFadden	KA4TJD
Todd Rose	KE4YAH	Jerry Mueller	KC4WZO
Paul Harrington III	KB4ENQ	Tristan Wilson	KI4QQF
Mike Brannock	KG4IES	Dr. Rob Hutchinson	KI4ODT
Drew Chandler	KI4TFI	Alan Hackney	KE4OOI
Jim Hughes	K4ZPL	Osamah Rawashdeh	AI4DL
Dale McClure	KI4NDW	Alicia Mylin	KI4JAE
Sam Hismeh		Tyler Dolsing	

Upcoming Exams:

All exams listed are within 100 miles of Woodford County.

10-Mar-2007

Sponsor: BLUEGRASS VOLUNTEER EXAMINERS

Time: 10:00AM (Walk-ins allowed)

Contact: HARRY R SPARKS

(859)272-8762

Email: KN4S@ARRL.NET

VEC: W5YI VEC

Location: RED CROSS BUILDING

1450 NEWTOWN PIKE

CLASS ROOM B

LEXINGTON, KY 40511

15-Apr-2007
Sponsor: THOROUGHbred DX GROUP
Time: 1:30 PM (No walk-ins)
Contact: MARGUERITTE E WILLIAMS
(859)245-2140
Email: KE4MAJ@ARRL.NET

VEC: Western Carolinas ARS VEC
Location: RED CROSS BLDG - CLASSROOM B
1450 NEWTOWN PIKE
AT GRIFFITH GATE BLVD
HTTP://WWW.LEXKYWCARS.ORG/
LEXINGTON, KY 40511

Upcoming Hamfests:

31 Mar 2007 + Lincoln Trail Amateur Radio Club
<http://www.qsl.net/ltarc/index.html>
Talk-In: 146.980(-) (no PL)
Contact: Randy Morris, KD4NYD
101 Airport Road,
Vine Grove, KY 40175
Phone: 270-877-0131 or 270 351-6159 (Archie Mack,
AF4EB)

Email: randym@bbtel.com

Elizabethtown, KY
Pritchard Community Center
404 South Mulberry Street
Div: Great Lakes
Sect: Kentucky

Swap Shop:

There is a limited quantity of WCARC baseball caps available to Club members for \$8.00 each.

From the ARRL Newsletter:

==>ARRL MARKS TRANSITION TO NEW AMATEUR SERVICE RULES

A new Amateur Radio Service regime now is in place. The requirement to demonstrate Morse code proficiency to gain HF privileges officially disappeared from the FCC's Part 97 rules February 23 at one minute past midnight Eastern Time. At the same time, some 200,000 Technician licensees without Morse code exam credit acquired HF privileges equivalent to those available to Novice licensees. The League is marking the occasion with a W1AW special event aimed at welcoming newcomers to the HF bands. The "W1AW HF Open House" has included exam sessions under both old and new rules. ARRL Chief Operating Officer Harold Kramer, WJ1B, points to the still-growing number of ARRL Volunteer Examiner Coordinator (ARRL VEC) test sessions now on the schedule across the US as evidence that the rule changes will provide a shot in the arm to Amateur Radio.

"ARRL VEC has been extremely busy scheduling new exam sessions," Kramer said. "We normally coordinate about 5500 sessions per year, but we've already scheduled close to 5000 sessions and it's only the end of February."

ARRL VEC Manager Maria Somma, AB1FM, reports some 175 ARRL VEC test sessions are on the schedule through the February 23-25 period, "and these are just the ones that have registered with us," she added. Two dozen applicants showed

up at League Headquarters, either to sit for an exam or apply for license upgrades.

"I was surprised at the number of people who wanted to take the test at 12:01 AM," Somma remarked. All but two test applicants took their exams under the new rules. "After people took their exams, some went over to W1AW to use their new privileges," she added.

First out of the gate at the League's 12:01 AM test session was Joshua Rozovsky, N3YAR, of Bloomfield, Connecticut. He upgraded from Tech to Amateur Extra.

Despite snowy New England weather, a few applicants traveled some distance to take their exams. "A nice young couple that drove in from Rhode Island joined ARRL while here," said ARRL Membership Manager Katie Breen, W1KRB. "They thought this was a once-in-a-lifetime opportunity to take their upgrades here at HQ."

Breen, who upgraded to General at the February 23 exam session, has been tracking W1AW Open House events in near-real time on an ARRL Web site blog <<http://www.arrl.org/blog/W1AW%20HF%20Open%20House>>. She's also posted some videos to YouTube.com.

==>ARRL MARKS TRANSITION TO NEW AMATEUR SERVICE RULES contd.

Somma says her department now is bracing for an anticipated application avalanche as paperwork from initial sessions shows up. She and Kramer predict test demand will surge even further in the days and weeks ahead. Not only has the number of test sessions increased dramatically, Kramer pointed out, the number of applicants at each session is up as well. To keep up with demand, ARRL VEC has hired additional help.

Staffers from other HQ departments also have been lending a hand.

March QST includes an eight-page "tearout" section "Now, New Opportunities for Every Ham!" between pages 48 and 49. <<http://www.arrl.org/HFWelcome/Welcome.pdf>>. It focuses on various topics of interest to those gaining new HF

privileges through upgrading or owing to the new rules as well as to veteran licensees. Among other things, it covers mentoring -- or Elmering -- newcomers, "The Top 10 Reasons to Try Morse Code," earning ham radio operating awards by using Logbook of the World (LoTW) and a "Welcome to the fascinating world of high frequency (HF) radio!" by ARRL CEO David Sumner, K1ZZ.

"The FCC's decision to eliminate the Morse code examination as a licensing requirement opens the door to HF for all amateur licensees," Sumner points out in his remarks. Sumner also addresses the topic in his "It Seems to Us" editorial in March QST (page 9).

"As these new HF operators join us on our favorite bands, we old timers need to set a good example and to be patient, welcoming and positive," he writes. "Let's all remember how little we knew when we got started, and honor those who helped us along the way by doing the same for others."

The March QST special section includes a new ARRL band chart

On SSB: 1.855, 3.990, 7.290, 14.290, 18.160, 21.390 and 28.480 MHz.

On CW: 1.8175, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675 and 28.0675 MHz.

On RTTY: 3597.5, 7.095, 14.095, 21.095 and 28.095 MHz.

==>ARRL INVITES COMMENTS ON NEW HF DIGITAL PROTOCOL

The ARRL is seeking comments from amateurs concerning development of an open-source (non-proprietary) data communications protocol suitable for use by radio amateurs over high-frequency (HF) fading paths. This is not a Request for Proposals (RFP). An RFP may or not be forthcoming depending on evaluation of the information received.

Specifically, the League is asking for comments and information on the following issues:

* Access Method: Is Orthogonal Frequency-Division Multiplexing (OFDM) the best candidate technology, or should other competitive technologies be considered?

* Data Rate and Bandwidth: What data rates/throughputs are achievable at various bandwidths up to 3 kHz bandwidth?

* Adaptivity: What adaptive features should be considered, such as automatic adjustment of transmitter power, modulation waveform and coding, in order to maximize throughput and efficiency in two-way contacts?

==>ARRL INVITES COMMENTS ON NEW HF DIGITAL PROTOCOL contd.

Please provide the following with your response: (1) name of respondent, (2) respondent's contact information, (3) related experience, and (4) type of respondent: (individual, partnership, corporation or group). Do not include proprietary information as part of your response.

==>SECTION MANAGER ELECTION RESULTS ANNOUNCED

<<http://www.arrl.org/FandES/field/regulations/bands.html>>. (See "Revised ARRL Band Chart available" below.)

The new rules seem to be driving greater enthusiasm for ham radio in general. There's been an uptick in ARRL publication sales, particularly in licensing manuals and licensing guides, and enrollment in the online ARRL Ham Radio License Course (EC-010) <<http://www.arrl.org/cce/Tech.html>> is at an all-time high. Additionally, Kramer notes, DXCC applications are up by 350 from last year, while LoTW has exceeded 121 million QSO records.

"W1AW HF Open House" operation continues through the February 24-25 weekend, with primary activity from 10 AM until 5 PM Eastern Time (1500 until 2200 UTC) or later, depending on interest, propagation and participation. ARRL Publications Manager Steve Ford, WB8IMY, will compete in the North American RTTY QSO Party from W1AW.

Primary operation will be on both SSB and CW. W1AW will concentrate activity on the Technician and General class HF subbands, using its normal frequencies on most bands.

* Robustness: What is achievable for reliable operation at power levels typical in the Amateur Radio Service and low signal/noise and interference ratios?

* Error control: What are the appropriate applications of error control suitable for HF channels? For example, how should Repeat reQuest (ARQ) and Forward Error Control (FEC) be applied to two-way contacts and one-to-many (roundtable and bulletin) transmissions?

* Activity Detection: What is an effective method of determining whether a frequency is busy prior to transmission?

* Operating System: What operating systems (such as Windows or Linux) are appropriate for Amateur Radio use with this protocol?

* Hardware: What practical and affordable hardware platforms are suitable for amateur stations? Consider the use of personal computers with or without sound cards. Provide any information about the need for an additional "box" if needed.

Post, fax or e-mail your response by 1900 UTC, May 15, 2007, to ARRL Chief Technology Officer Paul Rinaldo, W4RI <w4ri@arrl.org>, 3545 Chain Bridge Rd -- Suite 209, Fairfax, VA 22030; Fax: 703-934-2079.

One new ARRL Section Manager was elected this week, while eight incumbent SMs retained their seats. New, two-year terms for all successful candidates begin April 1. Contested elections took place in two ARRL sections, and ballots were counted and verified February 20 by Membership and Volunteer Programs staff members at ARRL Headquarters.

In Kentucky, Jim Brooks, KY4Z, of Cox's Creek outpolled former SM Bill Uschan, K4MIS, 426 to 105. Brooks will

succeed John Meyers, NB4K, who has been Kentucky's SM since 2001. Meyers did not run for re-election. Brooks, a ham for 20 years, says he wants to build on Meyers' achievements.

Brooks has served in various leadership positions in his local club. Since 2004, he has been the ARRL Kentucky Section Public Information Coordinator. He is trained in ARES, enjoys working DX, serves as an ARRL Volunteer Examiner and is a registered instructor.

==>"CELLULAR TELEPHONE" BILLS POSE POTENTIAL PROBLEMS FOR HAM RADIO OPERATION

Bills aimed at thwarting "driving while cellular" and "driving while distracted" behavior have been introduced in several states, and most are worded broadly enough to potentially proscribe some Amateur Radio mobile operation. ARRL Regulatory Information Specialist Dan Henderson, N1ND <reginfo@arrl.org>, so far has catalogued 11 active pieces of legislation. Bills introduced in Montana and New Mexico have been sidelined for now, but related measures -- more than one in some states -- remain alive in Georgia, New Jersey, Oregon, Texas, Vermont, Washington and Wyoming. Henderson reports that ARRL Field Organization volunteers and members called the League's attention to the various pieces of pending legislation, none of which specifically exempt Amateur Radio mobile operation.

"In most cases we try to work to have language exempting Amateur Radio inserted into the bill, rather than narrowing by definition the behavior or activity the bill seeks to address," Henderson explains. "It is a far easier approach and removes ambiguity down the road."

Henderson says that, if requested, the League will advise radio amateurs preparing to testify about a bill before a state legislative committee. "We offer some suggestions regarding what to cover and how to approach their testimony," he said. "We also will speak with legislators or their aides to try and clarify questions or help them craft language that help accomplish our goal of specifically exempting Amateur Radio operation from these measures." Most of the measures include exceptions for emergency communication and law enforcement agencies.

==>How to Get The ARRL Letter

The ARRL Letter is available to ARRL members free of charge directly from ARRL HQ. To subscribe, unsubscribe or change your address for e-mail delivery: ARRL members first must register on the Members Only Web Site <<http://www.arrl.org/members/>>. You'll have an opportunity during registration to sign up for e-mail delivery of The ARRL Letter, WIAW bulletins, and other material. To change these selections—including delivery of The ARRL Letter--registered members should click on the "Member Data Page" link (in the Members Only box). Click on "Modify membership data," check or uncheck the appropriate boxes and/or change your e-mail address if necessary. (Check "Temporarily disable all automatically sent email" to temporarily stop all e-mail deliveries.) Then, click on "Submit modification" to make selections effective. (NOTE: HQ staff members cannot change your e-mail delivery address. You must do this yourself via the Members Only Web Site.)

The ARRL Letter also is available to all, free of charge, from these sources:

* ARRLWeb <<http://www.arrl.org/arrlletter/>>. (NOTE: The ARRL Letter will be posted each Friday when it is distributed via e-mail.)

* The QTH.net listserv, thanks to volunteers from the Boston Amateur Radio Club: Visit Mailing Lists@QTH.Net <<http://mailman.qth.net/mailman/listinfo/letter-list>>. (NOTE: The ARRL cannot assist subscribers who receive The ARRL Letter via this listserv.)