



QSP



September 2008

September VE Report

The **September 26, 2008**
CKARC Meeting will be
at
Kenwood Park
Shelter #2 at 6:30 PM
Picnic Meeting!

For the September 10th session, we had 4 Candidates take 5 Exams, and 5 VE's in attendance. 3 Upgraded to General, and 1 Upgraded to Extra

The following upgraded to General:

Elven Zongker, KDØDNZ of Hutchinson, KS., **Bill Rust**, WØWJR, of Manhattan, Ks., and **Edward Kelber**, KDØBEG, of Hutchinson

Our New Extra is:

Edward Kelber's Dad **Joseph Kelber** KB8GLD, (Now **ACØMO**) also of Hutchinson.

The upgrades were posted on the 15th on the FCC ULS Site.

Thanks to all the VE's who helped with the Exam Session. I appreciate the help, and so do those who took exams this month.

Next Exams are as follows:

Saturday September 27th at 1:00 PM (W5YI-VEC session) and **Wednesday October 8th**, at 7:00 PM, both at the Saline County Sheriff's Office Classroom.

Sid NØOBM VE Team Leader

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Minutes of the August Meeting

The meeting was called to order by President Terry, KCØKCO, at 7:29 pm, with 33 members and guests present at the Jerry Ivey Park Shelter #1. After a round of introductions, Alvin, WØME, asked that the minutes of the July meeting be approved as printed in QSP, Motion made, moved and seconded and passed.

Treasurer's report:

Ron WAØPSF on behalf of Neil, KBØNOV reported that the CKARC currently has \$2691.37 in savings and \$1494.92 in checking plus a \$530.00 check from QCWA for a grand total of \$4716.29. Motion to accept, seconded and passed.

EC Report:

Sid, NØOBM. Two Terrific Test Sessions in the month of August. 13 at the regular Wednesday session, and 19 at the Hamfest Test Session! There will be a Siren test on September 8 (NOT on the 1st—as it's Labor Day), the ARES nets are now on the First Tuesday (instead of the First Thursday) September 2nd, the next VE Test sessions are September 10th and September the 27th. The September ARES meeting is September 18th, and the CKARC Club meeting is on September 26th, which is the CKARC Picnic Meeting **Kenwood Park Shelter #2.**

Hamfest report:

Ron, WAØPSF, reported that the Bicentennial Center Building is reserved for eight more years or until 2016.

No other business was reported.

Meeting adjourned at 7:04 PM.

Sec/WØME

FCC to Raise Vanity Call Sign Fees

On August 11, the FCC announced that the cost of an Amateur Radio vanity call sign will increase **60 cents**, from \$11.70 to \$12.30. The fee increase will take effect on **September 25, 2008**

Reminders

Salina City Siren Test Net, October 6th at 4:30 PM on the NØKSC Repeater

ARES Net October 7th at 8:00 PM on the NØKSC Repeater (or on it's output Simplex if it's not running).

Note change of Date. ARES Nets now on the First Tuesday of the Month.

Technician Ham Class continues in October on the 1st and 15th at 7:00 PM Saline Co. Sheriff's Office Classroom. (Sessions 3 & 4)

ARRL-VEC Test Sessions on Wednesday **October 8th at 7:00 PM**. Board meeting follows the exam session on the 8th of October at 8:00 PM (or after Testing—which ever is later) in the Saline Co. Sheriff's Office Classroom.

ARES Meeting at 8:00 PM October 16th in the EOC.

CKARC Meeting October 31 at 7:30 PM at KWU's Peter's Science Hall (Election Night)..

Full Calendar of events on the CKARC Web site <http://www.centralksarc.com>

Amateur Radio Quiz: As the Dial Turns

Amateur Radio is a home for innovators and experimenters, continually changing and inventing new ways to communicate. Others like to push their equipment and personal skills to the very limits of what is possible -- and still more hams just like to try something new from time to time. All this leads to a lot of neat things to listen to on the ham bands. This quiz is about some of those signals you might hear as you spin the VFO knob.

- 1) A warbling signal around 14.230 MHz is probably...
 - a. RTTY
 - b. AMTOR
 - c. SSTV
 - d. HF Fax

- 2) Slow Morse code "O" characters sent on 2 meters in the weak-signal band are likely...
 - a. EME
 - b. ATV
 - c. Meteor Scatter
 - d. Intruders

- 3) You've just worked a station on 13.995 by calling them on 14.025. What day is it?
 - a. April Fool's Day
 - b. Armed Forces Day
 - c. MARS Appreciation Day
 - d. Halloween

- 4) A station calling "CQ FOC" is looking for other members of what club?
 - a. French Oceania Club
 - b. Friends of CW
 - c. First Class Operators
 - d. Foreign Operators Conference

- 5) What operating event takes place on New Year's Eve?
- a. Rag Chew Night
 - b. Straight Key Night
 - c. Hootowl Sprint
 - d. Moonlight Ramble
- 6) The All Asian contests permit YLs to send "ØØ" as part of their exchange. What does this number represent?
- a. Age
 - b. Serial Number
 - c. Zone
 - d. Marital Status
- 7) What HF band has a substantial population of FM users?
- a. 75 meters
 - b. 30 meters
 - c. 12 meters
 - d. 10 meters
- 8) Which of the following modes supports digital voice?
- a. D-STAR
 - b. Synchronous Demodulation
 - c. PSK31
 - d. IRLP
- 9) A worldwide network of DX beacons is operated by...
- a. DX Magazine
 - b. WWV
 - c. the Northern California DX Foundation
 - d. RSGB
- 10) What is the only amateur band on which CW transmissions are not allowed?
- a. 60 meters
 - b. 17 meters
 - c. 12 meters
 - d. 902 MHz
- 11) Which of these amateur bands are shared with other services?
- a. 20 meters
 - b. 6 meters
 - c. 440 MHz
 - d. All of them
- 12) 56 kbps data signals are permitted on ham bands above what frequency?
- a. 30 MHz
 - b. 50 MHz
 - c. 144 MHz
 - d. 222 MHz
- 13) If you tune across an MFSK signal, what would it sound like?
- a. White noise or hissing across a wide bandwidth
 - b. Sharp clicks or pops at regular intervals
 - c. Random notes from a whistle or organ
 - d. Two tones alternating rapidly

14) When shortwave broadcast audio is received on SSB, what causes the whistling tone when the signal is off-frequency?

- a. The signal's carrier
- b. The signal's sidebands
- c. Interference from nearby signals
- d. Ionospheric Doppler shift

15) While on a VHF FM simplex frequency, you encounter a continuous weak signal that sends an identification signal every few minutes. What are you listening to?

- a. A defective cordless telephone
- b. A satellite's downlink
- c. The tracking signal from a migrating burrowing owl
- d. The transmitter being sought in a "fox hunt" or "bunny hunt"

Bonus: For what 2 meter repeater output frequency can the input be offset either +600 kHz or -600 kHz?

Answers

1. c -- This is the Slow-Scan Television calling frequency.

2. a -- EME signals send "O" to listen for their own echoes and alert other EME stations to their presence.

3. b -- Armed Forces Day -- this is an annual event in May during which hams make cross-band QSOs with stations on US military bases. With call signs of WAR, AIR, NAV, they have memorable QSLs.

4. c -- The First Class Operators Club holds several on-the-air events each year.

5. b -- Dust off that brass and pound away before heading out to that midnight gala described here.

6. a -- Age. Who said chivalry was dead?

7. d -- Tune up to 29.600 for the calling frequency or try some of the repeaters between 29.5 and 29.7 MHz.

8. a -- D-STAR is the new digital voice and data mode defined by the JARL-sponsored standard. D-STAR repeaters are found on the 144 MHz, 440 MHz and 1.2 GHz bands.

9. c -- The NCDXF now has beacons on all bands from 20 through 10 meters -- very handy!

10. a -- US amateurs are limited to five fixed-frequency channels on which USB voice is the only mode permitted. Sixty meters is also the only amateur band below 10 MHz on which USB is the standard sideband.

11. c -- A number of amateur bands are shared or have restrictions of which the user must be aware. The 70 cm is shared with radiolocation and other government services.

12. d -- The lower the band, the lower maximum data rate becomes -- down to 1200 bps in the HF bands.

13. c -- In fact, one MFSK variant is called Calliope for that reason. Answer a would be a spread-spectrum signal, answer b could be key clicks and answer d would be typical of RTTY.

14. a -- This is a "beat tone" caused by the carrier mixing with the receiver's BFO. When the carrier and BFO frequency are the same, the beat frequency is zero -- the condition known as "zero beat."

15. d -- Direction-finding contests use low-power transmitters as the quarry for the competitors.

Bonus: Repeater outputs on 147.00 MHz comply with both -600 kHz and +600 kHz offset planning.

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[Http://www.centralksarc.com](http://www.centralksarc.com)

Your issue of QSP is Here!

October Meeting is October 31, 2008
CKARC ELECTION NIGHT

SUBMISSION DEADLINE FOR THE
OCTOBER QSP IS OCTOBER 21, 2008

CKARC October Birthdays

KCØVDX	Jerry	Mallon	10/7
WØMDH	Mike	Herrera	10/15
WØNO	Alan	Shurts	10/20