

HARMONICS

THE VOICE OF THE ROWAN AMATEUR RADIO SOCIETY

November 2006 -Issue 247

November 13 Program

The program will be presented by NC Section Manager Tim Slay, N4IB. At least part of his address will concern the topic of incorporation as applies to a radio club. You will want to be there to hear this.

October 9 Minutes

As remembered by WB4AQK

Vice President Grey, **KI4CKR**, opened the meeting by announcing that he and Janet, **KI4CKS**, had operated at the Kannapolis Celebration. Last months minutes were approved and the Treasurer's report was accepted.. An announcement was made that Tim Slay, NC SM would be here next month to discuss incorporation of the club.

Bob, **KG4WAD**, reported on ARES. Grey is the Assistant EC and ARES ID cards were given out.

There was a discussion of the October 21 drill as a Simulated Emergency Test. Requirements for volunteers to work with the Red Cross was mentioned.

The Nomination committee will be composed of Grey, Butch, **W4WEE**, and Jim, **KA4MPP**. They are to report nominations for next year's officers at the November meeting. After that the floor is open for other nominations until the vote is held at the December meeting.

After a discussion on getting Amateur Radio into the schools, Frank, **AF4D**, and Wayne, **W4HG**, volunteered to give a talk to the South Rowan Junior ROTC where some interest was shown.

Grey and Luther, **KB4AE**, reported that they had erected an antenna for Luther's father at Autumn Care.

There was discussion on QSL cards when Frank reported a request for the certificates to the Rowan 250th Celebration. I think someone is to check on QSLs for the club. John, **N4QVM**, will take care of the Certificate.

Members present: Nona, **KA4NHL**, Jim, **KA4MPP**, Henry, **N4UH**, Wayne, **W4HG**, Frank, **AF4D**, Ralph, **KU4PT**, Ralph, **WB4AQK**, Bob, **KG4WAD**, Christina, **KI4FFT**, Tom, **KG4UGU**, Clarence, **K4SHU**, John, **N4QVM**, Patti, **KI4GUN**, Wade, **KC4NBW**, Dick, **KI4HNL**, Grey, **KI4CKR**, Janet, **KI4CKS**, Luther, **KB4AE**, and Brad Sellers

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Patti, **KI4GUN**, Janet, and Nona, **KA4NHL**, were appointed to be the committee to plan for the Christmas party and will report at the November meeting.

There was also a reminder that at the November meeting a vote would be held for "Operator of the Year."

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Ham Happenings

FCC Oct. 10 Report & Order

This adopts most of the 2004 Notice of Proposed Rulemaking but does **NOT** include action on the proposed elimination of Morse code requirements. The new rules are expected to become effective later this year.

Among the highlights in the October R & O the FCC:

- * "refarmed" the current Novice/Tech Plus bands to expand certain phone subbands;

- * agreed to allow Novice and Tech Plus licensees to operate CW in the General class CW subbands on 80, 40, 15 and 10 meters.

- * implemented rules to discourage multiple vanity call sign filings on the same day from the same applicant;

- * permitted auxiliary stations to transmit on portions of the 2 meter band;

- * permitted amateur licensees to designate a specific Amateur Radio club to receive their call sign in memoriam;

- * eliminated certain restrictions governing the manufacture, marketing and sale of external RF power amplifiers intended for Amateur Radio use;

- * clarified that "amateur stations may, at all times and on all frequencies authorized to the control operator, make transmissions necessary to meet essential communication needs and to facilitate relief actions";

- * deleted the requirement to publicly announce Amateur Radio examination locations and times, and

- * deleted the frequency bands and segments specified for Radio Amateur Civil Emergency Service (RACES) stations.

Looking at the bands, this will:

On 75 meters give Generals phone privileges from 3800 to 4000 kHz, Advanced Class licensees from 3700 to 4000, and Extras from 3600 to 4000 kHz. Unfortunately, this greatly reduces the RTTY and data only segment of 80 meters.

On 40 meters Advanced and extra gets phone privileges from 7125 to 7300 kHz and Generals from 7175 to 7300. On 15 meters Generals may operate phone from 21275 to 21450 kHz.

Novices and Tech Plus(or Technicians with element 1 credit) licensees will operate CW in the current General exclusive allocations on 80, 40 and 15 meters and CW/data on 10 meters where an additional 100 kHz is provided. Novice and tech plus are still limited to 200 w pep but higher licensees are not limited in the Novice bands.

A copy of the R&O appears on the FCC Web site

<http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.pdf>.

ARRL has posted a list of Frequently Asked Questions (FAQs) regarding the

The Rowan Amateur Radio Society
P. O. Box 593
Salisbury, NC 28145

The Rowan amateur Radio Society exists to secure for its members the pleasures and benefits of associating with persons commonly interested in amateur radio in any and all its facets. Its purpose is to facilitate the exchange of information, radio knowledge, fraternalism and individual operating efficiency among members. Society programs and activities are intended to advance the general interest and welfare of amateur radio in the general community.

The Society is a nonprofit organization and seeks no payment for services it provides the community's agencies.

Membership

Membership in the Society is open to all applicants who express a willingness to abide by the Society's Constitution and By-laws. Persons may apply at regular meetings and are considered elected when approved by two-thirds of those members present

Meetings

Regular meetings are held on the second Monday night of the month at 7:00 PM at the Rufty-Holmes senior Center at 1120 S. Boundary Street

2006 Officers

President-Gary Hattaway,
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Vice-Pres. - Grey Smith,
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Secretary - Patti Stevens,
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Treasurer - Ralph Brown,
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Harmonics, the club newsletter is published monthly, mostly. Submit articles, complaints, corrections, or comments to the club Secretary. Material may be reprinted provided proper credit is given.

Editor - Ralph Brown, WB4AQK

R&O

<<http://www.arrl.org/announce/regulatory/wt04-140/faq.html>>.

A downloadable chart shows the band changes

<http://www.arrl.org/announce/regulatory/wt04-140/Hambands3_color.pdf>.

This becomes effective 30 days after publication in the Federal Register.

From ARRL Letter Vol 25 No 41

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R & O Band Gains & Losses

Generals lose 150 kHz of CW/data spectrum on 80 meters but gain 50 kHz of phone spectrum on 75. They also lose 25 kHz of CW/data spectrum on 40 meters but gain 50 kHz of phone privileges on that band. Factoring in another 25 kHz of phone spectrum on 15 meters that's an overall gain of 125 kHz of phone spectrum offset by an overall loss of 175 kHz of CW/data spectrum -- or a net loss of 50 kHz in spectrum privileges.

Advanced licensees also lose 150 kHz of CW/data spectrum on 80 meters but gain 75 kHz of phone spectrum on 75. They also lose 25 kHz of CW/data spectrum on 40 meters but gain 25 kHz of phone spectrum there. That's an overall loss of 175 kHz of CW/data spectrum offset by an overall gain of 100 kHz of phone spectrum (25 kHz less than Generals). The net loss in Advanced privileges works out

to 75 kHz (25 kHz greater than Generals).

The new rules are "nothing but net" for Novice and Tech Plus (Technician with Element 1 credit) licensees. These licensees take home a whopping 250 kHz of additional CW spectrum (CW/data on 10 meters).

Creating a humongous 75 meter phone band for Extras effectively, but apparently inadvertently, deleted the only 80 meter segment where automatically controlled digital stations may operate -- 3620 to 3635 kHz. The new rules no longer permit RTTY and data there, however.

In addition, the FCC accommodated the inclusion of images in data transmissions by defining a range of image emission types as "data" and limiting them to 500 Hz bandwidth in the RTTY/data subbands. Unfortunately, it did so in a way that also limits J2D emissions -- data sent by modulating an SSB transmitter -- to 500 Hz bandwidth.

from ARRL Letter Vol 25 No 42

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Concerns ABT ARC Background Checks

ARRL President Joel Harrison, W5ZN, is urging Amateur Radio Emergency Service (ARES) and other ham radio volunteers to tread cautiously when submitting information for background checks the American Red Cross (ARC) now requires.

Harrison said the League recommends that anyone submitting personal information for a background check very carefully read what they are giving the ARC permission to collect.

"The Red Cross is requiring volunteers to grant permission for more than just a criminal background check," Harrison asserted. "They are also requiring permission to draw a consumer and/or investigative consumer report on the volunteer." Harrison said that could also include credit and mode-of-living checks.

"The Red Cross has stated that they will not use credit reports," he noted. "Requiring that volunteers authorize the procurement of a credit report is inconsistent with this assurance."

ARRL Field and Educational Services Manager Dave Patton, NN1N -- whose department supports the ARRL Field Organization -- is among those who believes the Red Cross stands to lose a fair number of volunteers because of the requirement -- and not necessarily just ARES volunteers.

"ARES members who are providing communications for ARC are working for ARC," Patton maintained, "and, as such, will follow their guidelines." He said the decision to go along with the new Red Cross policy is up to individual volunteers.

from ARRL Letter Vol 25 No 43

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Financial Report

09//2006 thru 10/31/2006

Opening Balance . .	\$4584.34
Deposits	
Donations	29.90
Dues	<u>75.00</u>
Total	\$4689.24
Expenses	
Refreshments	7.90
PO Box Rent	28.00
Stamps	<u>37.00</u>
Total	\$ 72.90
Ending Balance	\$4616.34

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Dues Due

For those who have not yet paid their 2007 dues, they are due in November giving them the privilege of voting in December.

I'm attaching an up to date roster so that you may check your status.

If you can't access this file (it is in "Microsoft Works Spreadsheet) Please let me know.

Also if there are errors let me know that also. We don't always get changes in phone numbers and addresses when they happen.

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From the internet

Will Rogers Wisdom

Will Rogers, who died in a plane crash with Wylie Post in

1935, was probably the greatest political sage this country has ever known. Enjoy the following quotes:

Never slap a man who's chewing tobacco.

Never kick a cow chip on a hot day.

There are two theories to arguing with a woman... neither works.

Never miss a good chance to shut up.

Always drink upstream from the herd.

If you find yourself in a hole, stop digging.

The quickest way to double your money is to fold it and put it back in your pocket.

There are three kinds of men: ones that learn by reading, few who learn by observation, and the rest of them have to pee on the electric fence and find out for themselves.

Good judgment comes from experience, and a lot of that comes from bad judgment.

If you're riding ahead of the herd, take a look back every now and then to make sure it's still there.

Lettin' the cat outta' the bag is a whole lot easier 'n puttin' it back.

And finally: After eating an entire bull, a mountain lion felt

so good he started roaring. He kept it up until a hunter came along and shot him... The moral: When you're full of bull, keep your mouth shut.

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Out of the Past

I used to go back to the original club minutes to get this feature but as Patti has those notebooks all I can access is the old newsletters and they only start around 1979, but they still are interesting and show how the club has changed.

December 1979

The editor, Mike Hyman ,WD4OCO, is asking for contributions. That's no change!

Henry, N4UH, is featured in the Nov. 1979 QST as Division leader in the High Band Division of the International DX contest.

There are two classes being taught. One, a Novice class by Red Redlingschafer, W40CZ, and an upgrade taught by Larry Wright, N4QY.

The club meets twice a month and has \$228.59 in the bank.

Most of the space is taken up by DX announcements.

The club meets in the (old) city hall at the corner of N. Main and Council Street.

Larry, N4QY, is club president.