

THE RAG

REPEATER AMATEUR GROUP

18 AUGUST 2010

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S.W.L.A.R.C. MINUTES July 27, 2010

CALL TO ORDER BY PRES. KEN (AE5LB)

PLEDGE AND PRAYER LED BY LUCKY (KA5SUR)

MINUTES: Motion by George (WA5FTW), seconded by Doug (WB5OZA) to approve as printed.

TREASURERS REPORT: Motion by Fred (KF5BYY), seconded by Aris (KB5RXS). to accept Treasurers report as printed by.

ANNOUNCEMENTS: August 10, 6:30 pm DINNER MEETING AT Foxe's on Maplewood Dr., in Sulphur.

NET REPORT: Nets are still going good. Don't forget that the nets are for training and equipment checking. The more you participate the better you get and we still need more net controllers. Don't forget that the 10 meter shotgun net is on Thursday

REPEATER REPORT: FROM DOUG (WB5OZA) 73 and the 2.1 machines are not linking correctly at this time. Field Day had 40 members that signed in. There were several officials that stopped by among them was ARRL Louisiana Section Manager Gary Stratton (K5GLS) who spent time with us on Sunday Morning. With round the clock coverage we doubled our contacts from last year, and there were 7 QSL cards Requested.

OLD BUSINESS: A motion By Aris (KB5RXS), seconded by Fred (KF5BYY) to accept as new member's the applications from last meeting; they were Jamest Slagle (KF5HDL), Layton G. Miller (KF5HDJ), and Jean Davant (KF5HDM). Motion Passed.

NEW BUISNESS: New Applications were received from Chance Tarver (KF5HUR), and Diane Tarver (KF5HUQ).

A motion by Fred (KF5BYY), seconded by Lee (W5LJR) to reimburse Doug for the rental of the man lift from Field Day. Motion Passed.

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- 146.73 PL 173.8
- 145.21 PL 103.5
- 145.35 PL 103.5
- 145.010 Packet
- 144.390 APRS
- 444.300 PL 88.5
- 444.225 PL 103.5 (KI5EE)

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Next meeting will be on 24th of August at 7:00 PM

A motion by George (WA5FTW), SECONDED BY Sam (WA5VDM) to adjourn.

Meeting Adjourned.

Respectfully Submitted:

George Hollier WA5FTW

Times change and so does terminology. Some of the old terms were quite colorful and convey a sense of hands-on adventure in those early days of experimentation. You may not consider today's language as evocative, but just wait a few decades to see what future generations think!

- 1) Which type of component was referred to as a "grid leak"?
 - a. Capacitor
 - b. Resistor
 - c. Inductor
 - d. This referred to a gassy vacuum tube

- 2) If you used a "basket weave" style in construction, what did you construct?
 - a. Transmission line
 - b. Coil
 - c. Headphone covers
 - d. Detector

- 3) What function was performed by a "slop jar"?
 - a. Rectification
 - b. Modulation
 - c. Storing charge from a grid-leak
 - d. Filtration

4. What was the earliest type of condenser?
 - a. Tesla coil
 - b. Rheostat
 - c. Leyden jar
 - d. Voltaic pile

- 5) What part of early stations was often constructed as a "cage"?
 - a. Transmitter shield
 - b. Antenna
 - c. Entire shack
 - d. Power supply

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- 6) A “getter” performed what function?
- Tuning tool
 - Gas adsorption
 - Filament rejuvenation
 - Connections to open-wire transmission line
- 7) What construction technique was (and still is!) called a “Western Union”?
- Rack-and-panel enclosures
 - Breadboard and Fahnstock clips
 - Point-to-point
 - Wire splicing
- 8) What does “TRF” stand for?
- Tuned Receive Feedback
 - Tuner-Rig-Feeder
 - Tuned Radio Frequency
 - Transmit-Receive Feeder
- 9) What type of equipment was referred to as a “rush box”?
- Receiver
 - Transmitter
 - Amplifier
 - Modulator
- 10) Which of these is *not* a type of oscillator circuit?
- Hartley
 - Colpitts
 - Lorentz
 - Meissner

Bonus -- What did a “tickler coil” tickle?

Answers

- b -- Grid current through the resistor developed a self-biasing voltage.
- b -- The basket-weave style minimized inter-turn capacitance.
- a -- Early rectifiers used a somewhat-caustic electrolytic solution (the “slop”) in glass jars.
- c -- A Leyden jar is a simple capacitor that stores a sizeable amount of charge at high voltage!
- b -- A cage antenna consists of several parallel wires in a circular arrangement.
- b -- The getter was an unpowered vacuum tube element that captured unwanted gas molecules.
- d -- The telegraph system’s standard splicing technique.
- c -- The TRF receiver required each amplifying stage to be tuned separately.
- a -- The rushing sound from a regenerative receiver on the edge of oscillation gave it the name.
- c -- All the others are different oscillator configurations.

Bonus -- In a regenerative receiver stage, a carefully adjusted tickler coil coupled some of the output signal back to the input, “tickling” it into near oscillation.

From web with permission from ARRL 8-16-2010

News of special interest.

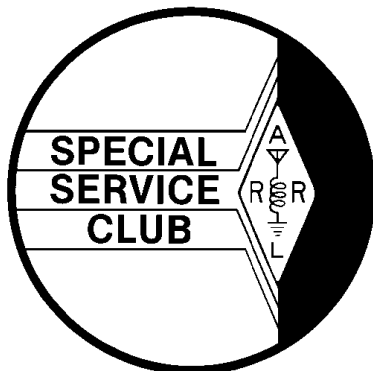
The Text messaging ban went into effect today (8/15/10). While there is no direct exception for amateur radio, they did specifically exclude devices "permanently affixed to a motor vehicle." They also included the soon to be famous "citizens band radio hybrids" and exempted devices with a push-to-talk function.

A.(1) Except as provided in Subsection B of this Section, no person shall operate any motor vehicle upon any public road or highway of this state while using a wireless telecommunications device to write, send, or read a text-based communication. For purposes of this Section, a person shall not be deemed to be writing, reading, or sending a text message if the person reads, selects, or enters a telephone number or name in a wireless telecommunications device for the purpose of making a telephone call.

(2)(a) "Wireless telecommunications device" means a cellular telephone, a text-messaging device, a personal digital assistant, a stand alone computer, or any other substantially similar wireless device that is readily removable from the vehicle and is used to write, send, or read text or data through manual input. A "wireless telecommunications device" shall not include any device or component that is permanently affixed to a motor vehicle. It does not include citizens band radios, citizens band radio hybrids, commercial two-way radio communication devices, or electronic communication devices with a push-to-talk function.

SWLARC —THE RAG
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***Amateur Radio at it's
best***