



# KEY KLIX

Amateur Radio Club of Savannah

November 2006

Volume 2

Issue 11

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**The next meeting of the Amateur Radio Club of Savannah will be held, Tuesday, November 14, 7:30pm, at Memorial Health University Center, in the Hoskins Center, Classroom "5" which is on the south side of the hospital.**

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## JOTA Wrap-Up

Thanks everyone for the help with the JOTA this past weekend. With the seafood festival, we still had 17 scouts show up. Thanks to the following people are in order:

Andy Blackburn WD4AFY - loan of 6 meter dipole.

Kurt Hoffman N4CVF - Yaesu FT840, battery, and tuner.

Jim Glenn KD4MJH - Brought HF radio, power supply, and built an antenna with the kids.

Ralph Quinn W4REQ - brought 3 element 6m beam, FT857, and power source.

Mark Ziegler KD4PDX - tried his best to get a news crew out there, but they had a lot on their plate that day, and were no shows (although Mark did show up and lend his moral support).

Mark Bolton KA4CID - helped me get a 20m dipole erected after I figured out I had zero slingshot skills to get that halyard hoisted.

Jerry Pearlman W4SGA - operated valiantly on 6 meters for a couple of

hours. Jerry had a dislocated shoulder but showed up anyway to play radio with the kids.

Sarah Purvis - my daughter was instrumental in keeping me level and untied knotted coaxes, fishing line, etc., and again shot good pix this year.

Sheri Neidlinger and Glenda Bailey brought breakfast to me!

### Results.....

17 scouts attending. Longest range contact was a German station running a contest on 20 meters. Power was 20w with the manpack. Best results were on 40-meter phone.

Scouts attended from Richmond Hill, Rincon, Hinesville, and Flemington. This was still primarily a local event, and getting the word out amongst the scouting community proved difficult.

Spoke on the cell phone with KD6RYQ Todd and heard our NVIS signal in NC over the phone a half second after I spoke on 40m. This was strange!!!

Philip Neidlinger, KA4KOE, submitted this article as well as the following pictures.

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Photos Taken at Area JOTA Event

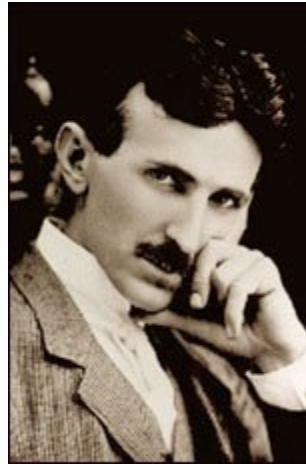
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## STRAYS

WANTED: Articles for Key Klix. Also list your items for swap or sale.

## Dead Electrical Dudes

This Month's Stiff: Nikola Tesla  
Entered Mortal Coil: 10 July 1856  
Assumed Room Temperature: 7 January 1943



“Sparky” in a thoughtful pose.

I present to you this month's Dead Electrical Dude, Mr. Nikola Tesla (i.e. “Sparky”, since he had an affinity for large electrical discharges) Mr. Tesla invented many of the electrical devices and systems in widespread use today. It is interesting to note that the man started out his professional career as an electrical engineer with Budapest's version of Ma Bell. Tesla's contraptions and wild ideas resulted in some amazing toys being thrust upon mankind. Note the following highly abbreviated list of just a small sampling of his innovations-

**Alternating polyphase current distribution:** Tesla's AC system won out over Thomas Edison's DC system. In retaliation against his former employee, Edison staged public demonstrations of the lethality of alternating current by electrocuting dogs. If Edison's DC system had won out, we'd in all likelihood still be in the dark...literally. Imagine huge storage batteries surrounded by fences every few city blocks. Tesla joined forces with Westinghouse and the rest is, as they say, history.

**Induction motor:** This item is considered to be one of the greatest inventions of all time.

**Fluorescent light:** Fluorescent lighting is now considered the standard for energy efficient illumination, relegating incandescent sources to secondary status.

**Tesla coil:** versions of this device are used in your television set's high voltage deflection coils. These coils are responsible for moving that little electron beam around ever so FAST. Really large Tesla coils can generate impressive artificial lightning bolts. Cool stuff.

**Tesla held patents for elementary radio apparatus,** in particular, the use of tuned circuits. Marconi built the first viable radio system using technology described by Tesla.

In all, Tesla held 700 U.S. patents for his devices. Note, however, that the inventor did have a weird side. Some of Tesla's quirks included the following-

Tesla claimed to have received signals from another planet using one of the devices in his laboratory.

Sparky never married. How many homely geeks do you know who fit this picture?

Tesla also claimed to have invented a "death ray" that could destroy 10,000 enemy aircraft from a distance of 250 miles. We may never know the veracity of this claim, since the Feds confiscated all of Tesla's papers at the time of his death during World War II.

Tesla lived the last 10 years of his life in a two room suite on the 33<sup>rd</sup> floor of the Hotel New Yorker, Room 3327. Edward Armstrong, the inventor of the superheterodyne receiver and FM, said of his colleague, "*The world will wait a long time for Nikola Tesla's equal in achievement and imagination.*" I agree with the late Mr. Armstrong. As a final tribute to the man and his achievements, the unit of magnetic flux density, the **Tesla**, was named in his honor.

References:

The Nikola Tesla Memorial Website,  
<http://www.teslasociety.com>

Philip Neidlinger, KA4KOE, is the author of this article, which is copyrighted material. ARCS has been granted permission to print this article in Key Klix.

## BUY, SWAP, OR SELL

**Wanted:** Rohn 25, 50 or 60-foot tower.  
Contact Doug Rowland  
[jdrowland@comcast.net](mailto:jdrowland@comcast.net)

**For Sale:** Kenwood TS-520 HF Station with Desk and Hand Mic, I also have operating and repair annuals. Asking price is \$200 Phone: 912-355-0049  
Email: [cooley3892@bellsouth.net](mailto:cooley3892@bellsouth.net)  
TNX, Pete Cooley, K4JAC

**For Sale:** (1) SolarCon CB antenna. 12' main element with 6' parasitic elements in a ground plane formation. \$30.00  
(2) Yaesu VX-7Rb handheld. Triple band (50/144/430 Mhz) heavy-duty transceiver. 5-Watt maximum power output in a compact design. Box, operating manual, charger. Like new!  
\$260.00 Thomas Hickey, KI4NRC

**For Sale:** Alinco DM-1350 35A power supply \$75  
Realistic HTX-100 10 meter transceiver \$55 w/antenna add \$5  
MFJ493 Memory Keyer w/manual \$75  
MFJ-1702 A/B coax switch \$10  
Contact Andy Blackburn, WD4AFY  
(912) 238-4676

## Lawrenceville , GA Hamfest November 2006

By Andy Blackburn, WD4AFY

Beth Ann and I had the opportunity to attend the Lawrenceville Hamfest on November 4, 2006. It is currently the largest hamfest held in Georgia. The attendance seemed to be lower than in previous years, but there appeared to be plenty of goodies to peruse. GEMA and The Red Cross also had their state-of-the-art vehicles on display. Below is a picture gallery of the hamfest.



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That's it for this month's Key Klix. If you have any articles to submit for the next issue, please send them to [andy@g-net.net](mailto:andy@g-net.net) Deadline for articles is December 2.



## AMATEUR RADIO CLUB OF SAVANNAH



### **ARCS Elected Officers for 2006:**

President: Doug Rowland, KF4EFP, [jdrowland@comcast.net](mailto:jdrowland@comcast.net)

Vice President: Kayton Smith, W4KTN, [kayton3@comcast.net](mailto:kayton3@comcast.net)

Secretary: Andy Blackburn, WD4AFY, (912) 238-4676, [andy@g-net.net](mailto:andy@g-net.net)

Treasurer: David Delamater, K4DJD, (912) 412-4109, [k4djd@comcast.net](mailto:k4djd@comcast.net)

Activities Manager: Philip Neidlinger, KA4KOE, [ka4koe@arrl.net](mailto:ka4koe@arrl.net)

Trustee: Kurt Hoffman, N4CVF, (912) 356-8581, [n4cvf@arrl.net](mailto:n4cvf@arrl.net)

### **Appointed Positions for 2006:**

ARCS Webmaster: Andy Blackburn, WD4AFY, (912) 238-4676, [andy@g-net.net](mailto:andy@g-net.net)

Key Klix Newsletter Editor: Andy Blackburn, WD4AFY, [andy@g-net.net](mailto:andy@g-net.net)

The Amateur Radio Club of Savannah, was founded in 1938, and is a non-profit 501(c)(3)(a) organization dedicated to:

- (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.
- (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.
- (c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.
- (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.
- (e) Continuation and extension of the amateur's unique ability to enhance international goodwill.