



Sinewaves



STONEWALL JACKSON AMATEUR RADIO ASSOCIATION

Meetings: 3rd Thursday of each month, 1930 hrs at Saint Marks Lutheran Church RT19/98 Clarksburg
SJARA Tuesday Night Net

*This net meets each Tuesday evening at 2100 hours utilizing the N8FMD Repeater on
147.210 MHz with PL Tone of 103.5*

December 12, 2010

<u>Net Control</u>	<u>Date</u>
1. K8TPH.....	November 23, 2010
2. WD8NSC.....	November 30, 2010
3. K8WWW.....	December 7, 2010
4. KD8FDD.....	December 14, 2010

Meeting and Christmas Dinner December 16, 2010 18:30/19:00 @ Raymon's Restaurant

Minutes SJARA

Meeting

November 18, 2010

The November meeting of the Stonewall Jackson Amateur Radio Association was called to order by President KD8FDD (Jason) at 19:00 EST.

Jason read the minutes from the October meeting and a motion to accept the minutes as read by WD8NSC, seconded by KA5NYN. The Treasurer's report was presented by K8TPH with a balance of \$1400.93 in the club account. A motion was made by KA5NYN and seconded by N8FWD to accept the Treasurer's report.

Old Business: KD8FDD read the report of SET held on November 4, 2010 as published in the Sinewaves. The Christmas Dinner was discussed and the menu was presented to the members. Christmas Dinner will be held December 16, 1010 at Raymon's at 19:00 EST.

The Field Day results were presented to the membership announcing that SJARA K8DF was listed as obtaining first place in West Virginia. This is the third time in the last 5 years placing first place in West Virginia.

New Business: K8TPH announced that the club had received three 17 inch flat screen monitors from Paul Bump OEM 911 Center Director. We will possibly receive two small computers from the same source.

Net controls were picked for the next four weeks,

- Nov 23, K8TPH –
- Nov 30, WD8NSC –
- Dec 7, K8WWW –
- Dec 14, KD8FDD --

We had two new members join: KC8ZHQ, Dale and KD8KCB, Keith. We want to welcome them into SJARA.

A motion to close the meeting was made by K8TPH and seconded by KA5NYN.

The meeting was closed at 19:21 EST.

The December meeting will be held at the Christmas Dinner on December 16, 2010



National Weather Service



Public Observation Program
Report Hail/Wind Damage/Flooding/
Snow Accumulation Call Toll-Free 24 hrs
877-633-6772

We received a call at 19:25 that the SKYWARN NWS instructors that were having some difficulty locating the church so WD8NSC and KD8FDD left to meet them and direct them to the church. Jamie Enderlen and Tim Axford arrived at 19:45 and set up their equipment and the SKYWARN Class began at 20:00. The instruction was very interesting pointing out the information of identifying and reporting unusual or extreme weather conditions to the NWS in Charleston, WV. Instruction manuals and literature explaining identification and reporting of weather conditions to

NWS were given to each attending. It was a very informative and enlightening class.

The class was attended by 13 members and guests, who will receive a certificate for attending in the near future. The class came to a close at 21:30.



Refreshments were supplied and served by KD8GKQ, Arnetta and were enjoyed by all. A hearty thanks goes out to Arnetta.

Memristor

Memristors devices promise improvements in size, speed and efficiency.

Electronics giant HP has joined the world's second-largest memory chip maker Hynix to manufacture a novel member of the electronics family. Memristors promise significantly greater memory storage requiring less energy and space, and may eventually also be employed in processors.

They are considered to be the "missing link" in electronics, a fourth element to supplement the more familiar resistor, capacitor and inductor that together form the basis of every electronic device yet made.

In short, it is a resistor with memory: applying an electric voltage can change how much the device blocks electric current - and memristors can "remember" that level - even when the power is turned off.

"Memristor memory chips promise to run at least 10 times faster and use 10 times less power

than an equivalent Flash memory chip," said Stan Williams, the HP Fellow who first demonstrated the memristor, in a statement by the firm. "The bottom line is what it costs, and that's always the case with the chip industry. Performance certainly opens doors but people sacrifice performance for cost."

Google

Google will launch its new service to bring the Web to TV screens in the United States this autumn and worldwide next year, its chief executive said, as it extends its reach from the desktop to the living room.

Eric Schmidt said the service, which would allow full Internet browsing via the television, would be free and that Google would work with a variety of program makers and electronics manufacturers to bring it to consumers. Google plans to make its Chrome browser, which competes with Microsoft's Internet Explorer and Mozilla's Firefox, the center of an operating system that would offer an alternative to Microsoft Windows.
Free?????????

Emergency Communications

Just what can Amateur Radio furnish in the way of emergency communications? Just about anything a commercial company can furnish. At the last drill that Ham Radio participated in at the Airport in Harrison County there was a company that came in and was going to furnish a Satellite link for telephone and Internet service. It would not work because

we were located inside a steel building, and everyone knows how well 2 to 4 GHz signals pass through steel. What did the gentleman do? He had to set up outside in the rain. Luckily cell phones and county digital links were useable but, if all else fails, Ham Radio. I know Ham Radio may be slow but here is what we can furnish. Ham Radio can supply the following type of communications.

1. Voice communications either directly or via repeater.
2. Printed information using one of the many digital modes; PSK31, QPSK31, QPSK68, RTTY, PACKET, or ALE400. Either using FEC/ARQ to maintain correctness.
3. Pictures via Slow Scan TV

All of the above can be furnished by UHF or HF depending on the distance between the two sites to be served.

Ham hobbyists now need permit to put up amateur radio towers in Cleveland, OH

Amateur radio operators seeking powerful towers must now clear the issue with county government if they want a signal in residential areas.

The Cleveland County Board of Commissioners recently tackled a proposal on how ham radio towers should be treated. Amateur radio clubs felt their towers should be handled differently than cell towers and said their equipment should not be subject to the same regulations.

“They (commissioners) wanted to take a different approach to the problem and felt like it would be simpler if they allowed them in all zoning districts but require a conditional-use permit through the Board of Adjustment

Essentially, county government now allows amateur radio towers to be constructed in residential zoning districts, but only with the permit. This solution, McCarter said, was chosen rather than developing a set standard that may not encompass every situation.

Let us hope, what happens in Cleveland, stays in Cleveland.

Restriction of Amateur Radio towers has been on the rise for several years. It has happened in Florida. In Florida it happens in almost all “Gated Communities” and is slowly creeping into all other communities. It is also happening in the southwest where “Gated Communities” are popping up. I figure the Snow Birds are causing the development of the closed communities, due to age of the population and flight from winter weather, who like to control their neighbors.

You think it won't happen here in West Virginia. Just look around, we don't call them “Gated Communities” but more and more have gates you have to pass through and at the moment are staying open. A slight increase in crime, such as BOE and vandalism and people will be yelling for more security and the gates get closed, if not all the time, they will be closed at night. When the community becomes restricted then individual rights get stomped

on for the betterment of the community.

New Computers

We have been offered and have received two newer computers (small footprint) with two flat screen monitors from the Office of Emergency Management thanks to Paul Bump Director of OEM. These computers with the computers we now have that were received from NW8U will be much easier to store and use during Field Day or any other use that may come due to emergencies. I will in the future attempt to load some digital software for use during Field Day or other emergency.

EmComm Level One (EC-001) Being Revised

We've been answering a number of inquires related to the transition from the existing Emergency Communications (AREC) Level 1 course to the revised course which will be called "Introduction to Emergency Communications." The new course is expected to be released online on a new online platform in early 2011. The last registrations for the current online Level 1 course were accepted in July 2010 to allow time for students to complete the course before the old online platform was retired. However, field instruction and exams for the Level 1 course will continue to be supported through December 31, 2010. We expect to beta test the new course on the new platform in January 2011 and release it for enrollment shortly thereafter. We plan to produce course books for the new course after we've had time to receive feedback on the new course content. We expect the new

course books will be available by mid-year. Please review the FAQ's posted on our website at <http://www.arrl.org/cep-news-and-announcements> for specific information about how this transition will affect those who have supporting roles for the AREC program, including EmComm Mentors, Field Instructors and Field Examiners.

I will stay with this and maybe we can set up a class so we can be tested at the Mill in August.

SJARA Tuesday Night Net

147.210 MHz PL tone 103.5
November , 2010

Sessions4
Total Check-ins.....19
Total time.....1 hr
Traffic.....0

Old is When

How do I know that my youth is all spent, when, my get up and go has got up and went. But in spite of it all I am able to grin when I recall where my get up has been.

I'M

