



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*

Tuesday May 18, 2010

Net Control

Date

1.	KD8FDD.....	April 20, 2010
2.	WD8NSC.....	April 27, 2010
3.	K8WWW.....	May 4, 2010
4.	K8TPH.....	May 11, 2010
5.	WV8JON.....	May 18, 2010

Club Meeting Minutes April 15, 2010

The SJARA meeting was called to order at 19:30 by President KD8FDD. Minutes were read by K8TPH and were accepted as read. The Treasurer's report was read by K8TPH with a balance of \$1645.00. The Treasurer's report was accepted as read.

Old business was discussed before going to New Business.

A list of materials and equipment was presented to the membership by K8TPH. The only thing needed to make sure we have a Generator for Field Day. We have access to one of the members Generator but it was felt that we should have a second Generator for backup. It was pointed out that we had a little trouble with one computers last year so K8TPH suggested that the system be set up prior to Field Day and the network checked out to make sure the Computer system works properly. John (NW8U) will bring the antenna and tower the night before FD to be set up.

Times will be determined at the next meeting.

John will be operating CW with two other Rigs in operation. It will be determined next meeting if we will operate 2A or 3A with a GOTO station for the Technicians to operate to obtain more exposure to the HF bands.

It was determined and discussed that the evening meal on Saturday will be a covered dish with the club furnishing Hamburgers and Hot Dogs and all the fix'ens. It was also discussed to try to get more non Hams to attend the evening meal to encourage more non Ham participation.

It will be discussed at the next meeting to determine who will be responsible for advertising and promotion of Field Day.

Orders were taken for T-Shirts, Hats, and mugs which will be ordered by K8TPH with hope that they will be available at the next meeting. All articles must be paid in full by Field Day or the items

will be sold during to FD to anyone wanting them.

The meeting adjourned at 22:20.

Next Meeting May 20, 2010

FCC NPRM

The FCC has issued a Notice of Proposed Rule Making (NPRM) addressing the question of whether hams should be able to communicate on behalf of their employers in certain limited circumstances. The NPRM proposes adding a narrow exception to the general prohibition on communications on behalf of an employer for amateurs involved in government-sponsored emergency drills. It also seeks comments on whether certain other drills that are not sponsored by government agencies - such as those conducted by hospitals - should be included in the proposed exemption as well.

Section 97.113(a)

(i) A control station operator may participate on behalf of an employer in a government sponsored emergency preparedness or disaster readiness test or drill, limited to the duration and scope of such test or drill, and operational testing immediately prior to such test or drill. Full text of the NPRM can be found at: http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-10-45A1.pdf.

FCC is seeking comments on it. Comments must be filed on or before May 24, 2010 (30 days after publication in the *Federal Register*); reply comments must be filed on or before June 7, 2010 (45 days after publication in the *Federal Register*). Instructions on how to file comments are listed [beginning on page 5 of the NPRM](#)

Breeze Shooters Hamfest

The Breeze Shooters will once again be having their Hamfest on June 6, 2010.

This will be our 56th Annual Event. As in the years past, we are offering to the local radio clubs in Pennsylvania, Ohio and West Virginia:

2- Free Admission Tickets to our Hamfest located in Butler, Pennsylvania (near Pittsburgh)

These can be raffled off at your May, 2010 club meeting.

This is one way we advertise our Hamfest and welcome members from other clubs to attend.

The tickets will only be sent to the postal address that was provided to us from the ARRL (no exceptions) and can be only obtained by responding to this email from the account that it was addressed.

OFFER IS LIMITED TO (2) Tickets per club and request must be received by May 1, 2010

For more information regarding our Hamfest, please see:

<http://www.breezeshooters.net>

73's and hope to see you there,
de The Breeze Shooters

The Golden Age

Many consider 1930 to 1980 as the "golden age" of American radio technology. It was a time of extraordinary innovation driven by a rare breed of pioneering engineers and entrepreneurs. This 50-year span saw the introduction of receivers, transmitters and transceivers that would become famous throughout the world. They became the treasured favorites of Amateur Radio operators, soldiers and professionals.

If 1930-1980 was the Golden Age then what does the 1980-2010 make us. Many old times refer to the younger Hams as "Appliance Operators". I don't accept this description. What I believe that has happened is, Amateur Equipment has followed the commercial electronics trend. Making equipment smaller and smaller and circuits becoming financially replaceable or like the modern world a throw away society. It is easier and cheaper to buy or just replace the older equipment then to update the old or build replacements. Amateur Radio seems to be following new technology and experimenting with new transmission or modes. Another thing has been signal conditions. Signals peaked around 1956-1960 and the bands were always open but now you must dedicate a lot of time to work around the world. Let us hope that conditions will be better from 2010-2014 and activity will

increase which will make Ham Radio great with all of the new modes of operations to be used.

Affiliated Club

Did you know that the Stonewall Jackson Amateur Radio Assoc. is an "Affiliated Club" and "Special Service Club". To maintain our ARRL affiliated status the club must maintain at least a 50% club membership as ARRL members. We have no problem at the moment because we have 28 dues paid members and 15 ARRL members.

This could change in the future so if you would like please consider joining ARRL to make sure we maintain our Affiliated status.



<http://www.arrl.net/membership>

FCC goes after illegal CB and unwanted ham radio repeater users

Since the beginning of the year the FCC's enforcement effort in the private radio area seems concentrated in two areas. These are violations of the Part 95 rules governing the 11 meter Citizens Radio Service and ridding repeaters of unwanted users in the Amateur Radio Service. A quick count of enforcement letters issued since January 1st shows nine warning notices sent to individuals for violations of Part 95. Most of these were for running overpowered transmitters on 11 meters that were causing interference to their neighbors home electronics. In each case the

C-B operator in question was given 10 days to respond to the FCC and to outline the specific steps taken to bring that 11 meter CB station into compliance with the Commission's rules. In the area of ham radio, four hams have received warning letters ordering them to stay off of various repeaters. In each case the FCC notes that the letter's recipient was requested by the repeater owner or control operator to refrain from using the system but either refused or failed to do so. So the Commission is now backing the system licensees and control stations by ordering the unwanted users to cease using the repeaters. If they fail to heed the agency's enforcement warning they could face such penalties as a license modification proceeding to restrict the frequencies upon which a given ham may operate, a fine or even revocation of their Amateur Service licenses. In going through the various warning letters we found none dealing with the situations on various frequencies on 75 and 20 meters that seem to be the talk of the amateur radio community. Nor was there anything mentioned in regard to collecting any fines previously issued to those the agency determined to be in violation of the Part 97 rules. The only non-repeater issue we found went to a ham accused of operating with a call other than the one assigned to him.

All of these letters are available to the general public on the FCC's Enforcement Web page. It can be found @

<http://www.fcc.gov/eb/AmateurActions/>

"BANDWIDTH" A HAM'S WAIST SIZE!

Three old Hams ages 92, 94, and 96 live in a house together with the Ham Shack in the basement. One night the 96 year old draws a bath. He puts his foot in and pauses. He yells down the stairs and says "Was I getting in or out?". The 94 year old yells back "I don't know. I'll come up and see." He starts up the stairs and pauses. Then he yells, "Was I going up the stairs or down?"

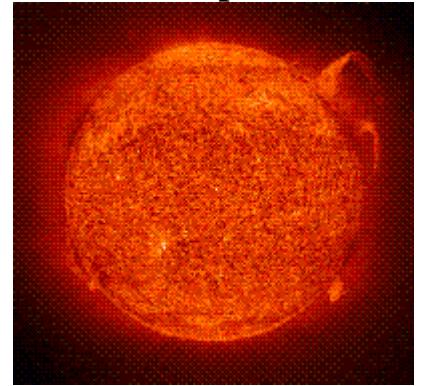


Enigma cracked again

An Enigma message sent over 65 years ago and thought to have been unbroken to this day has been cracked by a group of volunteer computer enthusiasts. The 2,700+ strong group **Enigmaathome.net** has been using nearly 4,500 individual computers in a massive international effort to decode surviving unbroken messages. The interface uses the standard BOINC distributed computing client software, and anyone can take part in the project. To carry out the work of the project so far, a single

computer would have to be left running for over 4000 years, such is the complexity of the Enigma system- a true testament to it's original design. Here is a link to the project web site: www.enigmaathome.net

Sunspots



Sunspots made a strong return this week, and so did geomagnetic activity. Average daily solar flux increased 4.2 points to 79.6, and on Wednesday, May 5 the daily sunspot number reached 77, the highest in nearly four years. The sunspot number hasn't been as high since May 28, 2006, when it was 78.

Amateur Radio GreenDay 2010 Contest

A 'Green' Day of activity under Biological Diversity Year). Radio amateurs throughout the world are invited to join in the '**WFF GreenDay 2010**' in having QSOs with radio stations working from various territories of the national natural parks and reserves of the world [Especially Protected Nature Territories (EPNT) – included into the WFF Directory (see WFF Directory: <http://www.wff44.com/en/list/>)], between June 12-13th. Activity is to promote the whole world to

protect the nature and environment. For more details, visit the World Flora Fauna (WFF) Web page at: <http://wff44.com/en>



Public Service:

National Hurricane Center's
WX4NHC Sets On-The-Air
Station Test

The annual WX4NHC On-the-Air Station Test from the National Hurricane Center (NHC) in Miami will take place Saturday, May 29, 1300-2100 UTC. "The purpose of this annual station test is to test all of our radio equipment, computers and antennas using as many modes and frequencies as possible," said WX4NHC Assistant Amateur Radio Volunteer Coordinator Julio Ripoll, WD4R. "This is not a contest or simulated hurricane exercise." WX4NHC also will be testing new computers and software, as well as conducting operator training, and NHC Director Bill Read, KB5FYA, will be at WX4NHC making contacts. Read more [here](#).

SJARA Tuesday Night Net

147.210 MHz PL tone 103.5

April, 2010

Sessions4
Total Check-ins.....33
Total time.....60 Mins
Traffic..... 0
