SINEWAVES

STONEWALL JACKSON AMATEUR RADIO ASSOCIATION
PO Box 752 Clarksburg, WV 26302-0752

WWW.SJARA.ORG June 11, 2009

Stonewall Jackson Amateur Radio Association Tuesday Night Net
N8FMD Repeater 147.210 Mhz with P/L tone of 103.5 hz 2100 hours

Net Control Operator	Date	Call Sign
Dick	June 16, 2009	K8TPH

Monthly Meeting at Saint Mark's Lutheran Church, located at the intersection of US 19 and SR 98
Next meeting will be June 18, 2009

Meeting Minutes 21 May 2009

In the absence of Dave Anderson N8YPE, the May Meeting of the
Stonewall Jackson Amateur Radio Association was called to order by the
Vice President, Mike Talkington KC8FWD.

A motion was made and passed to accept the minutes from the April meeting as stated in the newsletter.

Next was the Treasurers Report by the club Treasure Dick Wilt, K8TPH. Dick stated that the club has a balance of $1621.90.

A motion to accept the Treasurers Report was made by Bill Reid KA5NYN and
seconded by Steve Lamendola KE4THX, motion carried.

A motion was made by Bill Reid to pay the state tax for non-profit organization, motion carried.

Mike Talkington presented those present a list of vendors and their fees for a porta potti for Field Day. A motion was made to get a porta potti from Hart in Grafton.

A short discussion was held on the equipment at the 911 Center and a cabinet to house the radio equipment. Dick Wilt is to talk to Paul Bump at the center.

Concerning Field Day and a meal it was decided to have a covered dish dinner during the evening on Saturday.

We are going to operate as a 2A station with a GOTA station during Field Day Activities.

The next meeting on June 18th is a very important meeting before Field Day.

On Friday evening before Field Day members are ask to be at the site on Lownes Hill at 5 PM to help set up. And on Saturday to be at the site by 9 AM.

Last on the meeting was a presentation by Cecelia Reid KD8IZC on the Harrison County Medical Reserve Corp and how the regular emergency responders and hospitals will not be able to handle a large scale emergency.

The Harrison County Medical Reserve Corp is looking for volunteers to help out in such a situation.

A motion was made to adjourn which carried.

Everyone that can should attend the June 18th meeting at St Marks to finalize Field Day Operations. This is the last meeting before Field Day on June 27 & 28, 2009. Please make plans to attend the meeting and give us a hand in making this a great Field Day.

Just for a warm up to get ready for Field Day

West Virginia QSO Party

Sunday 21, 2009
18.00 - Sunday 24.00 UTC (Total 6 hours).

Eligible contacts
Work stations once per band/mode. No repeater QSOs. WV to WV contacts allowed for QSO/multiplier.

Exchange WV stations exchange signal report and county; all others signal report and state/province/DXCC country.

Frequencies CW-1.810 and 35 kHz above band edge;

PHONE 1.860 3.860 7.260 14.260 21.360 28.360;

Novices 25 kHz above Novice band edge.
Scoring Score one point per phone and two points per CW QSO.

Score 25 bonus points (one time only) for working W8WVA the WV State ARC station.
Final score is QSO points X WV counties worked (total 55).

WV stations multiply QSO points X WV counties, states, provinces, and DXCC countries worked.
Add bonus points after all other calculations.

Logs Logs by July 15 to:

WVQP, Dave Ellis, WA8WV, 610 Hillsdale Drive, Charleston, WV 25302.

Include SASE for results. You may submit by internet (ASCII format only) to WA8WV@aol.com. Receipt will be acknowledged.

Archive Album

My name is Mike McWhorter-KB8CMY. My Dad an I were members of SJARA back in the late 80's and early 90's.
At that time I served as secretary of the club and as a result ended up with some archives of the club. As you may remember the club used to meet at the old Harrison County Emergency Services building in Gore. That building was destroyed by fire and I believe all of the SJARA property and archives stored on site were lost. However, a photo album I had assembled with pictures of some of the founding members of SJARA, including the original assignee of your club's call letters K8DF, got stashed away at our home. I came across it the other week when we were going through some of my father's old ham gear.

These photos were taken sometime in the late 70's. I would like to return this to the club. It's a bit of history and perhaps the only relic that survived the fire.

I have received the Album and will bring it to the June 18th meeting. I need to know if anyone recognizes any of individuals in the pictures before posting them on the SJARA web site. K8TPH

President Obama to Renominate FCC Commissioner Robert McDowell for New Term

On Tuesday, June 2, President Barack Obama announced that he will re-nominate current FCC Commissioner Robert McDowell for another term and sworn into office in June 2006, filling the unexpired term of Republican Kathleen Q. Abernathy. McDowell, whose present term expires June 30, 2009. He will need to be confirmed by the Senate. Commissioners'
terms are five years long. McDowell, a Republican, was first nominated by President George W. Bush.

Everyone Can Use An Elmer

When we hear the term Elmer used in Amateur radio circles most of us will conjure up a scene reminiscent of a Norman Rockwell painting
where a grandfatherly character patiently offers guidance to a youngster at a workbench.

Chances are that if your club has a membership who came from the era when we dipped the plate and monitored grid current then chances are that there are many opportunities for Elmering when it comes to the digital aspects of modern Amateur Radio. No longer are radio controls right out in front. Extensive menus and multi-function controls are used to access the multitude of features and enhancements of modern transceivers. Other standard features in the ham shack today include computer
software for logging, awards tracking, rig control and, of course,

Logbook of The World. All are areas in which many of us could use a tutorial to enhance the enjoyment of an already great hobby.

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Suns Spots

Sunspots are actually the harbingers of magnetic activity on the Sun which can accelerate particles near the Sun to high energies, and eject them during flare events and Coronal Mass Ejections (CMEs). It is the CME events, most common when sunspots are in evidence, which travel to Earth in a few days and can interfere with the terrestrial plasma environment, causing magnetic sub-storms, auroral activity, and influence everything from telecommunications to the electrical power grid.
Also, there seems to be a correlation between years of enhanced solar activity (heightened sunspot numbers) and the severity of weather systems in the northern hemisphere. No one really understands what the connection is. The sunspot cycle occurs every 11 years. We are at the end of Solar Cycle 23 and beginning Solar Cycle 24.

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Annual Mean Sunspot Numbers 1700-2006.

Sunspot counts rise and fall approximately every 11.1 years. The cycle, though, is not symmetrical, for the spot count takes on the average about 4.8 years to rise from a minimum to a maximum and another 6.2 years to fall to a minimum once again. The largest annual mean number (190.2) occurred in 1957. Below are charts of Sunspot activity during the first 5 months of each year.

Year	Jan	Feb	Mar	Apr	May
1956	73.6	124.0	118.4	110.7	136.6
1957	165.0	130.2	157.4	175.2	164.6
1958	202.5	164.9	190.7	196.0	175.3
1959	217.4	143.1	185.7	163.3	172.0
1960	146.3	106.0	102.2	122.0	119.6
2007	16.8	10.7	4.5	3.4	11.7
2008	3.3	2.1	9.3	2.9	3.2
2009	1.5	1.4	0.7	1.2	2.9

Predictions

2009	1.6	2.0	2.8	3.4	3.9
2010	15.2	17.4	19.7	22.5	25.4
2011	52.5	55.3	58.0	60.8	63.9
2012	83.2	85.5	87.5	88.3	89.2
2013	91.2	91.0	90.1	89.7	89.3

As you can see from the two charts above conditions the higher HF frequencies were outstanding in the years 1956-1960 but have never reached those numbers in any other years since or before. Predictions are just what they say, Predictions, but it looks like communications on HF band may become better in 2010. Let's hope they are close. In 1959 it was possible to operate around the world 24 hours a day on 10mtrs.

To get the sunspot number for any day go to http://spaceweather.com/

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