



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*

February 17, 2011

<u>Net Control</u>	<u>Date</u>
1. K8TPH.....	January 25, 2011
2. WD8NSC.....	February 1, 2011
3. K8WWW.....	February 8, 2011
4. KD8FDD.....	February 15, 2011

SJARA MEETING January 20, 2011

Sorry there was no meeting on January 20, 2011 for two reasons. I had gotten tied up with some personal problems and by the time I could get the key to the church the weather turned bad and it started snowing so Jason, KD8FDD, called the meeting off because of the snow. Make sure to make the February meeting. We should have enough to hold a good meeting. If you have mailed your dues to the club PO Box, don't worry, the mail has not been picked up since December.

Simulated Attack Bridgeport Meadowbrook Mall January 22, 2011

The Bridgeport Police Department held a simulated incident including the Harrison County OEM, County Sheriff Department, and West Virginia State Police beginning at 22:00 January 22, 2011 at the Bridgeport

Meadowbrook Mall. There were around 200 volunteers mostly Bridgeport High School students and CERT members. The volunteers were to simulate shoppers when two intruders with small weapons came into the mall and began firing randomly into the mall shoppers. Several individuals were shot before help arrived including the SWAT in conjunction with Bridgeport Police, Harrison County Sheriff, and State Police arrived. Hostages were taken and one bomb was placed in a store at the Mall. Of course panic took over the Mall shoppers, and they ran for cover to stay safe while the SWAT team took over and subdued the gun men and restored order. Each of the Mall shoppers were searched for any weapons and to insure that the Mall was once again secure. All of the enforcement personnel were very proficient and carried out their duties efficiently. The

only problem I observed was law enforcement at first had difficulty communicating because the Digital Radio system would not work inside the Mall. A portable repeater was put in place and communications was established via NB FM and simplex among personnel inside the Mall. After releasing the hostages and clearing all of the Mall shoppers the exercise was terminated at midnight.

I was able to maintain contact with other hams via the 147.210 repeater throughout the complete exercise. I was contacted by 4 operators, WV8JON, KA5NYN, KD8ITC, and one other station but due to the noise around me I did not get his call, I copied his name as Bob. I want to thank all stations that came up on 147.210 repeater during the exercise. In my opinion the exercise went very well and the Departments participating should be congratulated on a job well done.

Amateur radio special event - BV100, Taiwan

Amateur radio operators from the Republic of China (Taiwan) Centenary Foundation will be activating special event station **BV100** between now and December 31st, 2011. Activity is to celebrate the 100th anniversary of the Republic of China (Taiwan). Operations will be on all bands and Modes. Complete details on a operating schedule and how to earn a BV100 award is available at: <http://www.bv100.tw/EN>

QSL via BV2KI at: Bruce Yih, P.O.Box 84-609 Taipei, Taiwan 100

- Operators BM2AAV, BU2AT, BV2DD, BV2KI, BV2KS, BV2NT and BX9AAA will use BV100 during the CQWW DX SSB Contest (October 30-31st) as a Multi-Multi entry.

Chinese-made Ham Radio

The sales success of the low priced Wouxon dual band hand held transceivers has apparently not been lost on the well established ham radio retail trade. This with the announcement by the five member buying group **Ham Pros** will be selling both the Wouxon and other made-in-China ham radio gear under the banner of [nowchinadirect dot com](http://nowchinadirect.com).

In addition to the Wouxon HT, other gear in their full page ad in the November QST Magazine include several metered power supplies, a pair of SWR and power meters and two hand held transceivers from TYT. These are

the TH-F5 single bander that covers 2 meters and the UV-F1 that covers both 2 meters and 70 centimeters. Price \$109.00



Dayton Hamfest

Is it to early to think about going to Dayton next May for the Hamfest? It is only 3 months so just make a note to start making plans. Time sneaks up on you, but I will remind you again in a couple months.

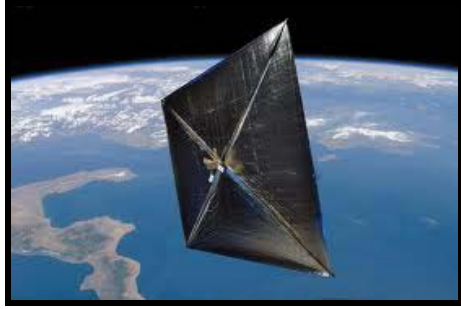
When the Dayton Hamvention® opens May 20, 2011, for its sixtieth consecutive year the theme, "Global Friendship," will reflect an important part of ham radio according to Michael Kalter, W8CI, General Chairman for the event. "The theme emphasizes how the technology continues to

bond Amateur Radio Operator's from all over the world.

Nano Satellite NanoSail-D

A reluctant mini-satellite finally sprang from its mother ship this week, and NASA used amateur radio operators to help find it and check on its status. The NanoSail-D was supposed to deploy from the Fast Affordable Scientific and Technology Satellite, or FASTSAT, on December 6, but it just sat there for more than six weeks, refusing to come out of the barn. Mission operators at the [Marshall Space Flight Center](http://www.nasa.gov) in Huntsville, Alabama, kept the door open, hoping the NanoSatellite – about the size of a loaf of bread – would eventually emerge on its own, which it finally did on Wednesday, January 12th. "We knew that the door opened and it was possible that NanoSail-D could eject on its own," Mark Boudreaux, FASTSAT project manager at the Marshall Center, said in a press release. "What a pleasant surprise this morning when our flight operations team confirmed that NanoSail-D is now a free flyer." That event triggered a three-day countdown until four doors are supposed to open like the blades on a ceiling fan, allowing a large polymer sail to pop out. NASA had asked ham radio operators to listen for NanoSail-D's signal at 437.270 megahertz and report their findings to [the NanoSail-D dashboard](http://www.nasa.gov). By midday Thursday a signal had been detected, and the team in Huntsville determined the craft was operating normally, NASA reported. NanoSail-D is expected to stay in low-Earth orbit

for 70 to 120 days, depending on atmospheric conditions. The purpose of the test mission is to show that NASA can deploy a solar sail and that it can deploy a mini-satellite without its host satellite later colliding with it.



CW

(CONTINUOUS WAVE)

An analysis by *WorldRadio Online* columnist **Randall Noon, KC0CCR**, suggests that levels of on-air ham radio activity and morse code usage both have increased since the FCC dropped the requirement for Morse code testing in early 2007. Comparing statistics for Field Day activity with the total number of licensees, Noon determined that both the raw number and the percentage of licensed hams operating in Field Day had increased since 2007. In addition, he found that the number of Morse code (CW) contacts in Field Day had increased as well, hitting an all-time peak in 2009. This is significant, he says, "because it is assumed that hams will use the same modes on Field Day that they do when operating at other times."

OLD IS WHEN

People call at 9 PM and ask,
"Did I wake you?"

ITU International Telecommunication Union

If you were to ask most amateur radio operators what entity is responsible for granting privileges to use portions of the radio spectrum for amateur radio purposes the answer would likely be their own national telecommunication authority. However, that's only partially true. The ultimate authority for the use of the radio spectrum is the International Telecommunication Union (ITU). It is desirable that each amateur radio operator understand what the ITU is and why its work and decisions are important. Most countries are Member States of the ITU and by way of treaty generally agree to be bound by the decisions of the ITU when it comes to the usage of the radio spectrum. Each country can decide that a certain use determined by the ITU may not apply in their own jurisdiction. It is not common for countries to do that but it is within their sovereign authority to do so. The International Telecommunication Union is a United Nations agency that deals with information and communications technology issues. They have an extensive web site at <http://www.itu.int> that details much of their work. The ITU is based in Geneva, Switzerland and includes in its membership 192 Member States and more than 700 Sector Members and Associates.

EMC Society withdraws as co-sponsor of IEEE BPL standard

Concerns over technical standards has forced a respected EMC

Society to withdraw from co-sponsorship of an IEEE BPL standard. BPL provides Internet access using mains electrical wiring and generates considerable Radio Pollution. This Pollution can not only ruin peoples' enjoyment of their favourite radio show but also potentially threaten emergency communications. An ARRL news report says Citing concerns about parts of its technical content, the IEEE EMC Society Standards Development Committee (SDCom) has voted to withdraw as the cosponsor of IEEE Standard for Power Line Communication Equipment -- Electromagnetic Compatibility (EMC) Requirements -- Testing and Measurement Methods (IEEE Standard 1775-2010). According to ARRL Laboratory Manager and BPL guru Ed Hare, W1RFI, this decision came about soon after the IEEE Standards Board approved publication of the standard over the technical concerns of the SDCom. Hare is an SDCom member and is a member of the IEEE Working Group that developed the standard.

Read the full ARRL story
<http://www.arrl.org/news/ieee-emc-society-standards-development-committee-withdraws-as-cosponsor-of-ieee-bpl-emc-standard>

SJARA Tuesday Night Net

147.210 MHz PL tone 103.5
Januray, 2011

Sessions	4
Total Check-ins.....	19
Total time.....	1 hr
Traffic.....	0
