



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

July 14, 2013

Net Control	Date
1. K8WWW.....	June 25, 2013
2. K8TPH.....	July 2, 2013
3. K8TPH.....	July 9, 2013
4. K8TPH.....	July 16, 2013
5. K8TPH.....	July 25, 2013

SJARA

Meeting Minutes June 20, 2013

Stonewall Jackson Amateur Radio Association meeting was called to Order by the Secretary, N8YPE at 7:40 PM at St. Marks Lutheran Church... Minutes of the April meeting were read by N8YPE and accepted as read.

Treasurers, K8TPH, reported a balance of \$ 2019.70 with \$ 1424.70 the general fund and \$ 595.00 in the equipment fund.

There was no old business: Plans for field day were discussed and it was verified that all of the necessary equipment would be there.

New business: Motion by KA5NYN to Purchase meat for field day second K8TPH. Motion was passed.

Discussion: Supper on field day will be a covered dish like last year. The Hatfield's will provide the cooker and prepare the meat.

Net controls were assigned and the Net controls were assigned and the meeting was adjourned.



FCC: Reply Comment Deadline Extended in 5 GHz Proceeding

The FCC has extended until July 24 the deadline to file reply comments in its proceeding to allow unlicensed National Information Infrastructure (U-NII) devices at 5 GHz. The FCC in February sought comment on making available an additional 195 megahertz of spectrum in the 5.35-5.47 GHz and 5.85-5.925 GHz bands for U-NII

use. Reply comments are responses to comments already filed in the proceeding, [ET Docket 13-49](#). In comments filed in May on the FCC *Notice of Proposed Rule Making (NPRM)*, the ARRL told the FCC that a near-term decision with respect to adding U-NII devices to the 5.85-5.925 GHz band "would be premature," since

completed.

U-NII devices use "wide band digital modulation techniques to provide a wide array of high data rate mobile and fixed communications for individuals, businesses, and institutions," the FCC explained in its *NPRM*.

The FCC extended the reply comment deadline in response to requests from two industry groups, IEEE 802 and the Wi-Fi Alliance. Amateur Radio has a longstanding secondary allocation of 5.65-5.925 GHz, with an amateur-satellite uplink band at 5.65-5.67 GHz and a downlink at 5.83-5.85 GHz.

Lawyers

An independent woman started her own business. She was shrewd and diligent, so business kept coming in. Pretty soon she realized she needed an in-house counsel, and so she began interviewing young lawyers.

"As I'm sure you can understand," she started off with one of the first applicants, "in a business like this,

our personal integrity must be beyond question." She leaned forward. "Mr. Peterson, are you an 'honest' lawyer?"

"Honest?" replied the job prospect. "Let me tell you something about honest. Why, I'm so honest that my dad lent me fifteen thousand dollars for my education and I paid back every penny the minute I tried my very first case."

"Impressive. And what sort of case was that?"

He squirmed in his seat and admitted, "My dad sued me for the money."



WVSARC

The West Virginia State Amateur Radio Council (WVSARC) will hold the next meeting on Saturday, July 20, 2013 at Hickory House in Weston. The meeting will begin at 1:00PM. The Hickory House is located at the Junction of US19 and Jackson Mill Road. All Amateur Radio Operators in West Virginia are members of WVSARC. Please come early and enjoy lunch before the meeting. This will be the last meeting prior to the West Virginia State Convention.

Is Heathkit Dead?

When I became an Amateur Radio Operator in 1959 if you wanted to get on the air there were three possibilities of having good equipment, first directly from a factory that did not sell Amateur Equipment as there major line of products, and there was factory

built which was expensive. The other choice was to build it yourself and that was possible because of Heathkit making and selling a large line of Amateur Equipment in kit form with very good instructions and could be accomplished with very little training in electronics.



Although now it's impossible for a DIY nut to build electronics for less money than factory equipment. This wasn't always the case. For 45 years, Heathkit produced inexpensive kits for just about everything. Heathkit closed its kit business in 1992 of selling good Amateur Radio equipment but remained in business as Heath Education System a Subsidiary of Daystrom, Inc.

In 2012 Heathkit announced that they were going "out of business", but did they just fade away into the ether. (ref: Sinewaves August 2012). In my opinion Heatkits were well manufactured and easy to build. I went on the air myself with an HW101 and a Knight Kit receiver and was very active for over a year before I saved enough money to get a good factory built SSB transceiver.

There are many rumors that Heathkit is coming back. Heathkit is calling all builders to submit their ideas for future kits

If you would like to see what Heathkit sold in 1984, go to [Heathkit](#) catalog Heathkit has revived their web site but it does

not tell you much on their [Web Site](#) We will have to keep looking and hoping possibly Heathkit will return for the DIY hams that are out there. If you would like to let Heathkit know what you thing then complete the [Survey](#).



Field Day 2013

SJARA Field Day started for me about a week before the event. Canada had added new sections and to log them correctly I had to download a newer version of the Field Day Logging software and intall it on all five of the club computers. After loading the new software KB8WSX, my son came and helped set up the network with the updated software. I had to make sure everything for Field Day was working as it should.

We all met on Lowndes Hill around 4PM on Friday and when we arrived, John NW8U and his xyl and son had already had the tower and triband up and had set up one shelter.

After we got there we set up the other shelter and installed the 80 mtr antenna. It was extremely hot and nearly everyone was hot and tired so we all went home to get a good night's sleep ready to go at 9AM on Saturday. Saturday morning after everyone got there the installation of the computers and the 20,40, and 80 mtr stations were set up. John set up his computer and transceiver for CW and everyone started at 2PM and everything went smoothly except

the CW computer could not find the network so the CW station logged on their computer and I had to merge the two files before making the final score calculations. The GOTA station was manned mostly by two CAP cadets with KA5NYN as coach. We had one other technician operate on the GOTA, KD8UTT, Shannan. The date went very well and several door prizes were given out. We had 49 registered over the two days. There were 16 individuals that either worked or operated one or more of the stations or logged for others.

A meal of smoked pork and turkey with an abundance of side dishes was enjoyed by all that attended at 7PM dinner on Saturday.

The Raffle was drawn after closing operations on Sunday. First prize was won by NR8X, Rob. Second prize was won by N8FXH, Hal, and third prize was won by Bob Pazzini, one of our registered guests.

I submitted total contacts plus bonus points to ARRL of 7,156. The complete report can be found on the [SJARA Web Site](#).

Encryption

Should Amateur Radio Communications be allowed to Encrypt traffic during an emergency? A petition to allow ham radio transmission encryption is getting some attention. Don Rolph of East Walpole, Mass., filed a Petition for Rule making with the Federal Communications Commission requesting a rule change regarding the prohibition on encryption. The filing is in response to a report on how to

facilitate ham radio use during emergencies.

Amateur Radio at present is used only for "Health and Welfare" which does not contain "Privileged Information" and does not require encryption.

To allow Amateur Radio Operators to encrypt and transmit should never be the case. If the regulations are modified it should always be "off line" encryption by a third party, such as the entity that is being served, such as American Red Cross, or other governmental agency. Addresses and handling information and receipt should never be encrypted. If it would be encrypted the Amateur Radio Operator should not be privy to the message content. There should be a statement made on any encrypted traffic that the body of the text was encrypted by, "Encryption Agency", such as ARC, FEMA etc.

If you have an opinion please feel free to contact the FCC and have your opinion entered in FCC records. [Read Document](#) and then make your [Comment](#) on the Resolution.

KC9UUS



2013 Amateur Radio Newsline Young Ham of the Year

A 16-year-old QST Cover Plaque Award winner from Bloomington, Indiana, is this year's Amateur

Radio Newsline "Young Ham of the Year." Readers gave the thumbs up to Padraig Lysandrou, KC9UUS, for his article "A Crazy Idea: DXpedition to Cyprus," which appeared in the May 2013 issue of QST.

If you didn't make it to Dayton
Then we have this for you.

[Dayton Hamvention in 4 minute](#)



Cell Fone Law

The new distracted driving law took effect July 1st in West Virginia and Virginia.

But amateur radios, or ham radios, are still allowed behind the wheel according to the new law.

Although the operator must have a legal permit from the FCC, portable radios are not considered distracted driving by law.

Elections

How can you have a voice in your Stonewall Jackson Amateur Radio Association if you don't attend the monthly meetings. Why not run for an office. Your officers have completed two years in office and must be replaced at the end of 2013. **Please read the By-laws Article II Section 2.**

[SJARA BY LAWS](#)