



# Sinewaves



## STONEWALL JACKSON AMATEUR RADIO ASSOCIATION

Meetings: 3<sup>rd</sup> Thursday of each month, 19:30 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

September 11, 2011

<u>Net Control</u>	<u>Date</u>
1. KD8FDD.....	August 23, 2011
2. K8TPH.....	August 30, 2011
3. K8WWW.....	September 6, 2011
4. WD8NSC.....	September 13, 2011

### Meeting Minutes August 18, 2011

The SJARA meeting was called to order at 19:30 by the President KD8FDD at the St Marks Lutheran Church. Minutes were accepted as read. The Treasurer's report was read by K8TPH with a balance of \$ 1321.71

Old Business: K8TPH reported that after contacting our senators and being referred to the IRS advocate they will process our application to reinstate our tax number for a fee of \$100. Motion by N8YPE to pay fee second by WD8NSC, motion carried.

Discussion: The technician class was published on the web site and in the Clarksburg Telegram. Only one person expressed an interest and the class was canceled. Elections are coming up and a nominating committee will be appointed at the next meeting. KD8GKQ was appointed to investigate a location for the Christmas Party. There will be a

disaster drill on September 24 and our participation will be discussed at the next meeting.

Due to the fact that our expenditures are exceeding our income the possibility of a dues increase was proposed.

Net Controls were assigned for next month and the meeting was adjourned by Vice President KD8FDD.



### AMSAT Fox-1 / Fox-2

The AMSAT Fox CubeSat project is being split into a complementary pair of new CubeSats named **Fox-1** and **Fox-2**. Fox-1 will address the need to quickly develop and launch a replacement for the ailing AO-51. Fox-1 will include an FM transponder paired with a simple IHU for telemetry and control and fitted to a basic CubeSat space frame. This small and highly focused set of capabilities will significantly reduce the time

needed for satellite development and construction allowing for a launch target in the second half of 2013. The advanced technology, research and development work, started for the original Fox satellite, will be continued and rolled into Fox-2 including the software defined transponder. With Fox-1 addressing the immediate need for an AO-51 replacement, Fox-2 will instead be designed for a linear transponder mission. A linear transponder requires considerably more power so Fox-2 will also include an advanced power system and a cutting-edge space frame with deployable solar panels. Fox-2 will have a launch target in the 2015 time frame. There are still opportunities for developers interested in working on these satellites especially in the areas of project management, systems engineering, thermal and mechanical design, CNC machining, circuit design, software development, system test

and test equipment development. If interested, please send email to Tony Monteiro, [AA2TX@amsat.org](mailto:AA2TX@amsat.org)



### New Seatbelt Law



### Heath Kit

Heathkit says it is re-entering the kit business that it abandoned almost two decades ago. In an announcement posted to its [Heath Kit](http://HeathKit.com) website, Heathkit Educational Systems which is the current name for the company states that in late August the company will debut its new line of do-it-yourself kits for common around-the-house items. Don't look for ham radio gear to be a top priority even though the word on the street is that kits for the amateur radio market may be down the pike. Right now the company is starting off with more general interest kits with their first entry being a Garage Parking Assistant or G-P-A for short. The Garage Parking assistant kit lets someone build their own system that uses ultrasonic sound to locate a car as it enters the garage. The system signals to the driver using LED lights mounted on the wall when the car is detected and in the

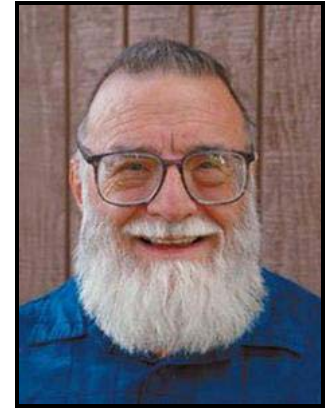
perfect spot for parking. Next on the market will be a Wireless Swimming Pool Monitor kit followed by many more novel items. The Heathkit announcement says nothing about the business rationale for going back into the kit supply business but it does state that the company wants to bring to its customers interesting and unique products. As such it is interested in learning what types of products that kit builders would like to see brought to the marketplace. Anyone interested can submit their suggestions by mail addressed to 2024 Hawthorne Avenue St. Joseph, Michigan, 49085 or at [www.heathkit.com](http://www.heathkit.com).



### Scoutmaster Amateur Operator W9WPH Murdered

Arthur Anderson, W9WPH, of Kokomo, Indiana, 76, bled to death after being stabbed in what authorities are calling "a senseless act." On Sunday, August 21, Anderson -- together with another man -- was leading two Boy Scouts, ages 11 and 12, on a required five mile nature hike on the Nickel Plate Trail in Bunker Hill, 60 miles north of Indianapolis. According to Indiana State Police Sergeant Tony Slocum, the group had stopped on the trail to discuss a tree when Anderson was attacked from behind. Anderson, a scouting volunteer for 50 years, was an Assistant Scoutmaster of a troop based at Redeemer Lutheran Church in Kokomo. Tony Frawley, 22 year old Shane Golitko approached Anderson from behind,

stabbing him with a 12 inch knife without provocation.



Arthur Anderson  
W9WPH (SK)



### Mobil Antenna

The technology could potentially be applied in a number of fields, but is primarily designed for military use.

Radio antennas that can be sewn directly onto clothes have been developed by US researchers.

The team from Ohio State University created a prototype using plastic film and metallic thread.

"Our primary goal is to improve communications reliability and the mobility of the soldiers," said one of the researchers.

"But the same technology could work for police officers, firefighters, astronauts - anybody who needs to keep their hands free for important work."

The scientists reported in an IEEE journal that the system's range is four times greater than that of a

conventional antenna worn on the body.



## Thoughts

A woman wakes in the middle of the night and hears her husband sobbing quite loudly. She got out of bed to see what was wrong and she found her husband sitting in a corner and asks, "What is wrong?" The husband looks up and asks, "Do you remember when your father caught us making love and he told me, it was either marry you or go to jail for 20 years." The wife says, "yes" and the husband looks up with sad eyes and says, "I would have gotten out today."

## Teen radio pirate

A teenaged radio pirate who threw a tantrum and threatened Ottawa radio personalities has been placed on 15 months probation.

The now 15-year-old had set up a radio station out of his home using transmitting equipment he purchased with money from an inheritance and began broadcasting without a license.

When Industry Canada shut him down and seized his equipment after repeated warnings in January 2010, he threatened and harassed one of the agency's investigators

## Simulated Emergency Test

Simulated ARRL's Simulated Emergency Test (SET) is October 1 and 2, 2011. This nationwide exercise is the chance to test your emergency operating skills and the readiness of your communications equipment and accessories in an emergency-like deployment. ARRL Field Organization Leaders at the Section and local levels -- along with many other volunteers who are active in public service and emergency communications -- are developing emergency-like scenarios in consultation with a variety of agencies for whom radio amateurs are known to provide service during emergencies. To find out how you can step up and be a part of the local or Section-level activities, contact your Section Manager, [Ann Rinehart](mailto:Ann.Rinehart@arrl.net), [ka8zgy@arrl.net](mailto:ka8zgy@arrl.net) Amateur Radio Emergency Service® (ARES®).

## Christmas Dinner

Here is the info for the Christmas party. Hope it is what you wanted.

Thurs. Dec. 1 and 8 is good for all three places as of Thurs. Sept. . . .

**RAYMONDS RESTAURANT** same as the other years: choice of 4 to 7 main dishes which include vegetable, salad and beverage for about \$14.

The main dishes can be whatever we want: spaghetti, rigatoni, Pastas or chicken parmesan or fettuccini or chicken Alfredo. NY

Strip Steak with potatoes vegetable and salad would be \$20  
Talipo fish with potatoe, vegetable and salad would be \$18

## THE ELKS VILLAGE SQAURE:

A private room which holds 60-70 people with no room charge. It would be buffet style. It would include one meat; Roast beef, salad, mashed potatoes, mixed vegetable, and pasta Alf redo for about \$13 a person.

Two meats which would include the above and Roast Beef and Stuffed Chicken breast would be \$15.

## THE RED CABOOSE:

We would just order off the menu when we arrived there.

Some of the menu items are hoagies, Giovanni's, pizza, wings, Spaghetti, etc. at \$7.95 and up.

If you have any questions, please let me know.



**LEST WE FORGET**