



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

April 11, 2010

Net Control

Date

- | | |
|----------------|----------------|
| 1. K8TPH..... | March 23, 2010 |
| 2. WV8JON..... | March 30, 2010 |
| 3. N8YPE..... | April 6, 2010 |
| 4. KD8FDD..... | April 13, 2010 |

Meeting Minutes March 18, 2020

The meeting of the Stonewall Jackson Amateur Radio Association was called to order by the President Jason Hatfield KD8FDD.

February minutes were approved as read.

The treasurers Dick Wilt K8TPH reported a balance of \$1621.28.

Troy Hamrick has donated several pieces of HF station equipment to the club.

Under New business a motion was made by Dave N8YPE to pay the state association fee, Seconded by Tom KB8WRZ, and passed.

It was reported that the Technician class was canceled due to bad weather. .

Under new business Field day was discussed and Dick Wilt K8TPH will update last years equipment list.



ARRL Field Day, June 26-27, 2010!
Field Day Pin

ARES EmComm Issues

The Board of Directors of the ARRL approved the signing of a Memorandum of Understanding (MoU) with the American Red Cross ([ARC](#)). The ARC has agreed to permit ARES volunteers

to meet its requirement for a criminal background check by obtaining such a check, at their own expense, through a law enforcement entity rather than through the ARC process. ARRL members will be given information to permit them to make a fully informed decision with regard to volunteering with ARC.

The Board also instructed the ARRL staff to seek a change in Section 97.113(a)(3) of the FCC rules to permit amateurs, on behalf of an employer, to participate in emergency preparedness and disaster drills that include Amateur operations. There is an extensive discussion of this which can be found on page nine of [March QST](#)

Willful or Malicious Interference Complaints

Section 97.101(d) of the Commission's Rules prohibits amateur operators from willfully or maliciously interfering with or causing interference to any radio communication or signal. 47 C.F.R. § 97.101(d).

The Spectrum Enforcement Division, in conjunction with the Regional and Field Offices, is responsible for responding to complaints of willful and/or malicious interference (sometimes called "jamming") among amateur radio service licensees.

Amateur radio complaints should be as specific as possible, citing dates, times, and frequencies on which alleged violations occurred.

Complaints should also include a name and telephone number where the complainant can be reached for further details, if necessary.

Complaints should be sent via e-mail to fccham@fcc.gov or by mail to the address below. Parties are encouraged to send standard cassette recordings or CDs in support of their complaints. Recordings should be mailed to: Federal Communications Commission, Enforcement Bureau, Amateur Radio, 1270 Fairfield Road, Gettysburg, PA 17325. Parties desiring further information may call: (717) 338-2577.

Club Equipment

About two years ago a gentleman in Mannington donated the SJARA several pieces of equipment, and again in March

Troy Hamrick ex. N8JJG of Enterprise donated several other pieces of equipment. We would like to thank both of these generous Amateur Radio Operators thinking of fellow Hams in the Stonewall Jackson Amateur Radio Association.

The club now has a very nice supply of equipment as follows:

- 1.- Icom 751 transceiver
- 1.- Kenwood TS520S transceiver*
- 1.- Kenwood TS520S ext. VFO*
- 1.- Kenwood TS520S speaker*
- 1.- D-104 microphone*
- 1.- CW auto keyer*
- 1.- Antenna tuner*
- 10 - 5 ft. sections of tower
- 1. - Rotor*
- 1. - Rotor control w/cable*
- 1. - 40 meter Dipole
- 1. - 80 meter Dipole
- 1. - 3 element tri-bander
- 1. - ¼ wave 2m vertical*
- 2. - 100 ft RG8 coax w/connectors
- 1. - Audio scope
- 1. - HT 202 w/amplifier*
- 1. - 12 Volt power supply*

Several cables w/connectors and assorted odds and ends.

* Indicates given to SJARA by Troy Hamrick (ex N8JJG) of Enterprise, WV

We again wish to thank our benefactors that have given their equipment to encourage younger Hams to continue and enjoy Amateur Radio.

Emergency 2 Mtr Antenna J-Pole

There are many hams that will say a J-Pole is nothing more than a tuned dummy load. Well, they take very little storage space and don't cost much and can be made to be a good emergency antenna.

Make a couple to use in case you are called out to help. Of course, a commercial built antenna will perform much better but who wants to take down your home antenna or invest in an antenna that you may or may not ever use. A mediocre antenna is better than no antenna at all.

1. Cut a piece of standard 300 Ohm Twin Lead to about 60" long
2. At one end strip ½' of insulation from both conductors.
3. Twist the ends together and solder them. Insulate with tape. *The following measurements are from the soldered end*
4. Cut a ¼" notch in one conductor 16 7/8". *Do not remove the rest of the insulation.*
5. At 1.5" from the shorted end, remove enough insulation from both conductors to connect the coaxial feed line.
6. Connect the coaxial line shield to the 16 7/8" side.
7. Connect the coaxial center conductor to the long side.
8. For support and protection, put a piece of heat shrink or plastic tape over each of the solder connections.
9. Punch a small 1/8" hole in the insulation at the open end to hang the J-Pole. A small string or Tie-wrap works well to pin the J-Pole to a curtain or any high point.
10. Tuning: if you use the exact dimensions the antenna will be resonant in the two meter band. Prune the open end a little if not exact with an SWR meter to determine minimum reflected power.

When finished place a PL-259 on the end of the coax and then it can be attached to any length of coax using a barrel connector.

A diagram can be found at the end of the Sinewaves Newsletter.

WIRELESS INSTITUTE OF AUSTRALIA CELEBRATES 100 YEARS

The Wireless Institute of Australia (WIA) is celebrating 100 years of organized amateur radio in Australia. On 11 March, 1910 a meeting of like-minded people in the Hotel Australia, Martin Place, Sydney, formed the Institute of Wireless Telegraphy of Australia, and soon after dropped the word 'telegraphy' from its name. Chairman of the founding meeting, George Taylor, proposed "the formation of an institution amongst experimenters and enthusiasts in wireless for their mutual benefit."

Aussies are a great group to have a QSO. 20 meters is starting to open and it won't be long that 15 meters may open. If you don't have HF privileges then you may try ECHOLINK and talk to the down under.

Dayton Hamvention May 14-16 2010

Hamvention Award Winners

Three Amateur Radio operators who have made significant contributions to the Amateur Radio Service will be honored guests when the 2010 Dayton Hamvention opens in Hara Arena on May 14. In addition,

Hamvention organizers will recognize a Club of the Year in keeping with the 2010 Hamvention theme: Amateur Radio Clubs Worldwide: The Lifeline. "Choosing the finalists was a difficult process due to the number of fine nominations," said Hamvention Awards Committee Chairman Frank Beafore, WS8B. Click here to read more about these three deserving individuals and a club that personifies what Amateur Radio is all about. Web Site: <http://www.hamvention.org/>

Field Day Supplies

It's that time again to order Field Day T-shirts, hats, pins, and mugs. I will be taking orders for all four of these items up to and at the next meeting on April 15th. T-shirts are sizes S,M,L XL, 2X, 3X, 4X and cost \$12.95 plus shipping, pins are \$5.00 plus shipping and hats are \$9.95 plus shipping. Mugs \$8.00 plus shipping. If I can make a single order of at least \$50.00 the total shipping would be \$12.50. I expect to have enough orders so we can charge \$2.00 on each item vice the individual shipping costs. If I collect more shipping than it cost I will place the difference in the SJARA account. If I do not have orders in hand including payment by the end of the April meeting I will refund any money I have collected and not make the order. Pin looks as previous found in this Sinewaves and the following is how the T-shirts and hats appear.



Hat



Back of T-Shirt



Front of T-Shirt



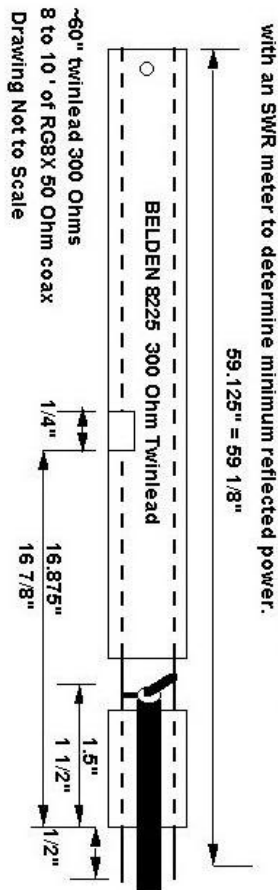
Mug

SJARA Tuesday Night Net

147.210 MHz PL tone 103.5
March, 2010

Sessions5
Total Check-ins.....32
Total time.....75 Mins
Traffic..... 0

Diagram for J-Pole



encouraged to get on the air and work the Rookies, just as in they did in the Novice Roundups. The six hour event -- from 1800 UTC-2359 UTC -- will be held on the third Sunday of April, August, and December. SSB, RTTY, and CW will be featured in the different months.

Who is a Rookie? Any amateur licensed for three years or less, regardless of license class. If you received your license in 2008, 2009 or 2010, you're eligible to compete as a Rookie. Non-rookies are encouraged to work the Rookies and be an Elmer to those just starting out. It is an immediate, hands-on way to teach good operating practices to those just getting started. More Info: @ <http://www.arrl.org/news/stories/2010/04/08/11426/?nc=1>

Moonbounce for Everyone Courtesy of the Arecibo Radio Telescope!

Sending Amateur Radio signals to the Moon and back has never been easy. After roundtrip journeys of nearly half a million miles, even the most powerful signals generated by hams are exquisitely weak on arrival. Because of the equipment and expertise necessary for successful "moonbounce" operating, this facet of Amateur Radio has been traditionally confined to a small audience. But for three days in April even hams with very modest stations will have the opportunity to experience the thrill of moonbounce, thanks to the giant radio telescope at the [Arecibo Observatory](#) in Puerto Rico. Joe Taylor, K1JT -- along with the [Arecibo Observatory Radio Club](#), KP4AO -- will be on

the air running 400 W to the telescope's 1000 foot antenna. Their scheduled times of operation are 1645-1930 on April 16, 1740-2020 on April 17 and 1840-2125 on April 18 (all times UTC). They will be using the call sign KP4AO and operating SSB, CW and the [JT65B](#) digital mode developed by Taylor. They will be transmitting at 432.045 MHz and listening for stations between 432.050 and 432.060 MHz.



Build yourself a beam 10mtr/6mtr/2mtr/70cms A good Summer project

<http://www.qsl.net/w4sat/antlegn.htm>
<http://www.qsl.net/w4sat/antenna.htm>

The First Rookie Roundup Coming April 18!

The ARRL's newest contest -- the Rookie Roundup -- is getting a lot of buzz among newly-licensed amateurs. Designed as a modern equivalent to the ARRL Novice Roundup from a few decades ago, this new incarnation combines a competitive event with some on-the-air training. The first Rookie Roundup is scheduled for April 18 and will be an SSB contest.

The Rookie Roundup is six hours of fun on a Sunday afternoon that is designed to give new hams a chance to get their feet wet on HF and 6 meters. Old-timers are