



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

16/March/2015

Net Control	Date
1. K8TPH.....	March 3, 2015
2. K8WWW.....	March 10, 2015
3. K8TPH.....	March 17, 2015
4. K8WWW.....	March 24, 2015
5. K8TPH.....	March 31, 2015

Minutes SJARA Meeting February 26, 2015

The SJARA meeting was called to order by KA5NYN at 19:41 at the St. Marks Lutheran Church on February 26, 2015. The meeting had been postponed from February 19, 2015. Four members were present, KA5NYN, KD8IZC, N8YPE, K8TPH

The minutes from January 15, 2015 were accepted as read by Secretary K8TPH.

The Treasurer's report was presented and accepted as read by Treasurer KD8IZC. A deposit of \$50.00 from dues was made and the balance is \$1445.04.

Authority was given by a unanimous vote for the Treasurer to pay the WV Corporation annual fee of \$25.00. Announcements were made for the Hamfest in Morgantown on April 11, 2015 and Hamfest in Fayetteville, WV on April 25, 2015.

N8YPE will attend the next LEPC meeting March 18, 2015 and make a report to the club at the next meeting

on March 19, 2015. Meeting was adjourned at 20:05.

ARRL warns MITRE over HF Broadband

On January 17, Southgate Amateur Radio News reported on the plans of MITRE to broadcast wideband on HF. Now the ARRL has issued a warning to the company

The ARRL has asked the Massachusetts company that plans to conduct experimental transmissions over wide portions of the HF spectrum either to avoid Amateur Radio allocations or to announce the times and frequencies of their transmissions in advance.

The FCC last fall granted MITRE Corporation of Bedford, Massachusetts, a 2-year Part 5 Experimental License, WH2XCI, to operate 21 transmitters at 10 fixed New York and Massachusetts sites. MITRE plans to test wideband HF communication techniques on a variety of bands between 2.5 MHz and 16 MHz.

“[I]t will not be possible for MITRE to operate these transmitters within the Amateur Radio Service allocations... without causing harmful interference to a large number of Amateur Radio operators on an ongoing basis,” ARRL Chief Counsel Chris Imlay, W3KD, said in a February 12 letter to MITRE.

Imlay said that if MITRE does not agree to avoid ham radio bands or to announce times and frequencies of transmissions ahead of time, it will ask the FCC to rescind the company's Experimental License or to impose a prior notification requirement “in real time for each and every use of the transmitters authorized at each site.”

Read the ARRL story at <http://www.arrl.org/news/arrl-warns-experimental-licensee-to-avoid-interference-to-hf-ham-activity>

MITRE Corporation is closely linked to the CIA and other government agencies. For example, in December 2000 CIA Director George Tenet awarded the Intelligence Community Seal Medallion to Allan McClure of the MITRE Corporation for his help developing software and hardware to facilitate the exchange of information.

AuxComm Course

The Department of Homeland Security's Office of Emergency Communications will offer its Auxiliary Communications (AuxComm) course May 12-14 prior to Hamvention® 2015 in Dayton, Ohio. More than 1000 Amateur Radio operators have completed the course, which trains qualified hams to assist local, county, and state government with emergency back-up communication. The AuxComm course covers emergency communication in a public safety context within the National Incident Management framework. It also introduces the auxiliary communicator to the Communications Unit Leader function. Details and registration requirements are available on the Hamvention website.

Applicants must meet all prerequisites and provide documentation to attend this class. The class is limited to 50 qualified students. The intensive 3-day course provides facilitated lectures, student exercises, and interactive discussions.

The AuxComm workshop is designed for auxiliary emergency communicators who volunteer to provide back-up emergency radio communication support to public safety and emergency response professionals and their agencies.

Open Internet February 26, 2015

WASHINGTON -- Internet service providers like Comcast, Verizon, AT&T, Sprint and T-Mobile now must act in the "public interest" when providing a mobile connection to your home or phone, under rules approved Thursday by a divided Federal Communications Commission. The plan, which puts the Internet in the same regulatory camp as the

telephone and bans business practices that are "unjust or unreasonable," represents the biggest regulatory shakeup to the industry in almost two decades. The goal is to prevent providers from slowing or blocking web traffic, or creating paid fast lanes on the Internet, said FCC Chairman Tom Wheeler.

Young Ham of the Year Award

Amateur Radio Newsline is seeking nominations for its 2015 Young Ham of the Year (YOTY) Award. To be considered, a nominee must have used Amateur Radio in some way that has benefited his or her community or encouraged technological development directly or indirectly related to communications.

Nominees must be no older than 19 and reside in the United States, Canada, or Puerto Rico. The individual must also hold a currently valid US or Canadian Amateur Radio license.

Candidates considered for the Young Ham of the Year Award will be judged on their overall accomplishments and contributions — especially in terms of public service activities or experimentation in the areas of science, technology, or electronic communication — that may be of an outstanding nature. The decision of the judging committee is final.

The deadline to submit an application is May 30, 2015. An application form also is available by sending a self-addressed, stamped envelope to 2015 Young Ham of the Year Award, c/o Amateur Radio Newsline, 28197 Robin Ave, Santa Clarita, CA 91350. Basic information on required

documentation and how to file are included on the nominating form.

Presentation of the 2015 Amateur Radio Newsline Young Ham of the Year Award will take place at the Huntsville Hamfest, August 15-16, in Huntsville Alabama. — Thanks to Bill Pasternak, WA6ITF/Amateur Radio Newsline

Band Plan

The ARRL is asking members to comment by April 19 on possible changes to the League's HF [Band Plan](#) suggested by the HF Band Planning Committee. The survey is part of the committee's efforts to tweak the band plans for the RTTY/data/CW portions of 80 through 10 meters -- excepting 60 meters. The committee developed its suggested revisions to the voluntary band plans after reviewing some 400 member comments in response to a March 2014 solicitation that sought suggestions on how to use the spectrum more efficiently, so that data modes may coexist compatibly

FreeDV Digital Radio

SM1000 Smart Mic Digital voice unit is in production for Codec2 digital voice developer, David Rowe VK5DGR, has announced that the first batch of 100 SM1000s are being built in China right now and shipping may start in late March

The SM1000 is an a embedded hardware product that allows you to run FreeDV without a PC. Just plug it into your SSB or FM radio, and you now have Digital Voice (DV).

Introducing the SM1000 Smart Mic expected cost of \$220.00 USD

<http://www.rowetel.com/blog/?p=3125>

SM1000 Part 10 – First Over the Air Tests

<http://www.rowetel.com/blog/?p=3846>

TALARC

Are you a member of the American Legion. If so and you are a ham you are invited to join and participate in The American Legion Amateur Radio Club (TALARC). If you are interested in getting more information you can go to: and register to become a member. It is a good organization and needs and wants you as a member.

<http://www.legion.org/hamradio>

<http://www.legion.org/hamradio/join>

<http://www.legion.org/hamradio/monthly-net-schedule>

You don't have to be a member to check into any of the nets. Check in and see what they have to offer you and meet some fellow Veterans.

2 Meters: IRLP/EchoLink, 2nd Saturday of each month. Node 9735 for both IRLP *and* EchoLink, or *CROSSRDS* Conference for EchoLink; 1800 UTC [1400 EDT], with Mike, W9MNA.

20 Meters: Second Saturday of each month, 1700 UTC [1300 EDT]; 14.280 MHz, with Bill, KIØCW.

40 Meters: Third Sunday of each month, 2200 UTC (1700 EST); 7.243 Mhz, with Terry KE6RWB

75 Meters: Every Saturday, 0100 UTC [2000 CDT]; 3.919 MHz, with Art, KG4EYG.

Numbers are up

The ARRL report Amateur Radio growth in the US continues to soar.

At the end of 2014, the total number of radio amateurs in the FCC's

Universal Licensing System (ULS) database reached an all-time high of 726,725

The trend has continued in the first 2 months of 2015, which saw the ham population rise to slightly more than 727,000.

Outside of a little dithering last fall, growth in the Amateur Radio Service in 2014 was steady, according to figures compiled by Joe Speroni, AH0A, on his FCC Amateur Radio Statistics web pages.

<http://www.ah0a.org/FCC/index.html>

Amateur Radio Parity Act of 2015

The Amateur Radio Parity Act of 2015" — H.R.1301 — has been introduced in the US House of Representatives. The measure would direct the FCC to extend its rules relating to reasonable accommodation of Amateur Service communications to private land use restrictions. US Rep Adam Kinzinger (R-IL) introduced the bill March 4 with 12 original co-sponsors from both sides of the aisle — seven Republicans and five Democrats. Kinzinger also sponsored "The Amateur Radio Parity Act of 2014, which died at the end of the 113th Congress. H.R. 1301 is an essentially identical piece of legislation.

"The introduction of H.R. 1301 with so many original co-sponsors, so early in this session of Congress, is very encouraging," said ARRL President Kay Craigie, N3KN. "Several additional members of Congress already have agreed to be co-sponsors. This bill has momentum, but introduction is only the first step.

Many of the next steps will be taken as ARRL members contact their US Representatives urging co-sponsorship and thanking them as they sign on to the bill."

If Congress approves the legislation, and it is signed by the president, H.R. 1301 would require the FCC to amend its Part 97 Amateur Service rules to apply the three-part test of the PRB-1 federal pre-emption policy to include homeowners' association regulations and deed restrictions, often referred to as "covenants, conditions, and restrictions" (CC&Rs). At present, PRB-1 only applies to state and local zoning laws and ordinances. The FCC has been reluctant to extend the same legal protections to include such private land-use agreements without direction from Congress.

[Click for More Information](#)

FCC Field Resources Shrink

According to an internal FCC Enforcement Bureau (EB) memorandum, the Bureau plans to ask the full Commission to cut two-thirds of its field offices and eliminate nearly one-half of its field agents. At the same time, the Bureau would develop a so-called "Tiger Team" of field agents as a flexible strike force it could deploy as needed. In the March 10 memorandum to Enforcement Bureau field staff -- obtained by ARRL and others -- EB Chief Travis LeBlanc and FCC Managing Director Jon Wilkins cited the need to take "a fresh look" at the Bureau's 20-year-old operating model in light of technology changes and tighter budgets. ARRL CEO David Sumner, K1ZZ, expressed dismay at the proposals.

